



June 29, 2000

United States Department of Interior  
Bureau of Land Management - Vernal District Office  
Attention: Margie Herrmann  
170 South 500 East  
Vernal, Utah 84078-2799

RE: Ashley Federal #6-12  
Ashley Federal #9-12  
Ashley Federal #10-12  
Ashley Federal #11-12  
Ashley Federal #12-12  
Ashley Federal #13-12  
Ashley Federal #14-12  
Ashley Federal #15-12  
Ashley Federal #16-12  
Section 12-T9S-R15E  
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find the nine Applications for Permits to Drill the Ashley Federal Unit wells listed above, submitted in triplicate, for your review and approval. The Archeological Survey for these wells is also enclosed in triplicate.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Joyce McGough  
Regulatory Technician

Enclosures: Form 3160-3 and attachments (3 copies of each)  
Archaeological Survey (3 copies of each)

cc: State of Utah  
Division of Oil, Gas & Mining  
✓ ATTN: Lisha Cordova  
1594 West North Temple - Suite 1210  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

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**JUL 03 2000**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐  
1b. TYPE OF WELL  
OIL GAS SINGLE MULTIPLE  
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR  
**Inland Production Company**  
3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **NW/SE**  
At proposed Prod. Zone **2006.7' fsl and 1899.1' fel**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13.9 miles southwest of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**Approx. 1899.1'**  
16. NO. OF ACRES IN LEASE  
**2189.98**  
17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**Approx. 1259.3'**  
19. PROPOSED DEPTH  
**6500'**  
20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6059.9' GR**  
22. APPROX. DATE WORK WILL START\*  
**4th Quarter, 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval for Application of Permit to Drill are also attached.

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OIL, GAS AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joyce McGough TITLE Regulatory Technician DATE June 28, 2000  
Joyce McGough

(This space for Federal or State office use)

PERMIT NO. 43-013-32172 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE 7/13/00  
RECLAMATION SPECIALIST III

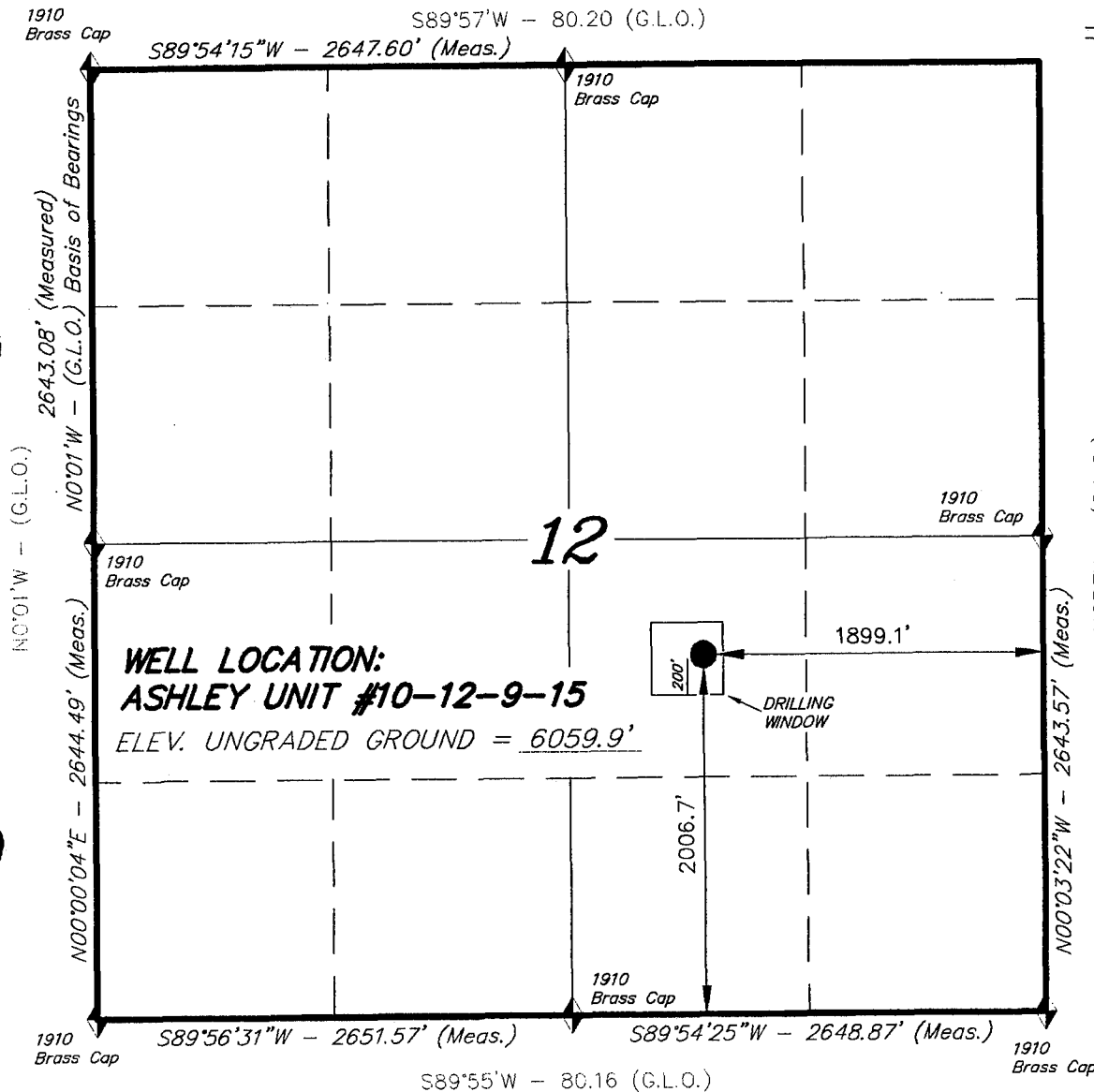
Federal Approval of this  
Action is Necessary

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**T9S, R15E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**



WELL LOCATION, ASHLEY UNIT #10-12-9-15,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 12, T9S, R15E, S.L.B.&M.  
DUCHESE COUNTY, UTAH.

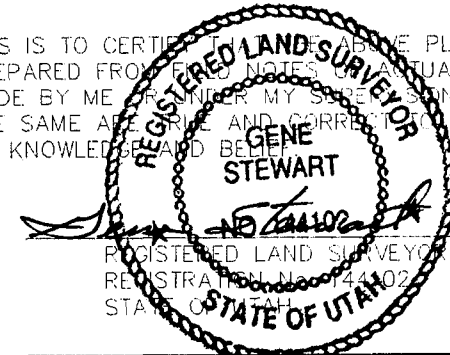


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THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 6-7-00

WEATHER: FAIR

NOTES:

FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

INLAND PRODUCTION COMPANY  
Ashley Unit #10-12-9-15  
NW SE Section 12, T9S, R15E  
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta Formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0 – 2765'
Green River	2765'
Wasatch	6225'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2765' – 6500' – Oil

4. PROPOSED CASING PROGRAM:

Please refer to the Monument Butte Field SOP.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

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DIVISION OF  
OIL, GAS AND MINING



INLAND PRODUCTION COMPANY  
Ashley Unit #10-12-9-15  
NW SE Section 12, T9S, R15E  
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site (Ashley Unit #10-12-9-15) located in the NW SE of Section 12, T9S, R15E, Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 approximately 1.6 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.7 miles to its junction with an existing road to the southwest. Proceed southwesterly and southerly for 6.2 miles to its junction with an existing road to the west; proceed westerly for 1.2 miles to a junction with an existing road to the south; proceed southerly for 0.5 miles to the beginning of the proposed access road. Follow the flags southwesterly for 0.4 miles to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D"

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES:

Please refer to the Monument Butte Field SOP.

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OIL, GAS AND MINING**

INLAND PRODUCTION COMPANY  
Ashley Unit #10-12-9-15  
NW SE Section 12, T9S, R15E  
Duchesne County, Utah

9. **WELL SITE LAYOUT:**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

10. **PLANS FOR RESTORATION OF SURFACE:**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP:** Bureau of Land Management

12. **OTHER ADDITIONAL INFORMATION:**

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the Ashley Unit #10-12-9-15 to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

**Representative:**

Name: Joyce I. McGough  
Address: 410 Seventeenth Street  
Suite 700  
Denver, CO 80202  
Telephone: (303) 893-0102

**Certification:**

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well Ashley Unit #10-12-9-15; NW SE Section 12, T9S, R15E, Lease #UTU-74826, Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

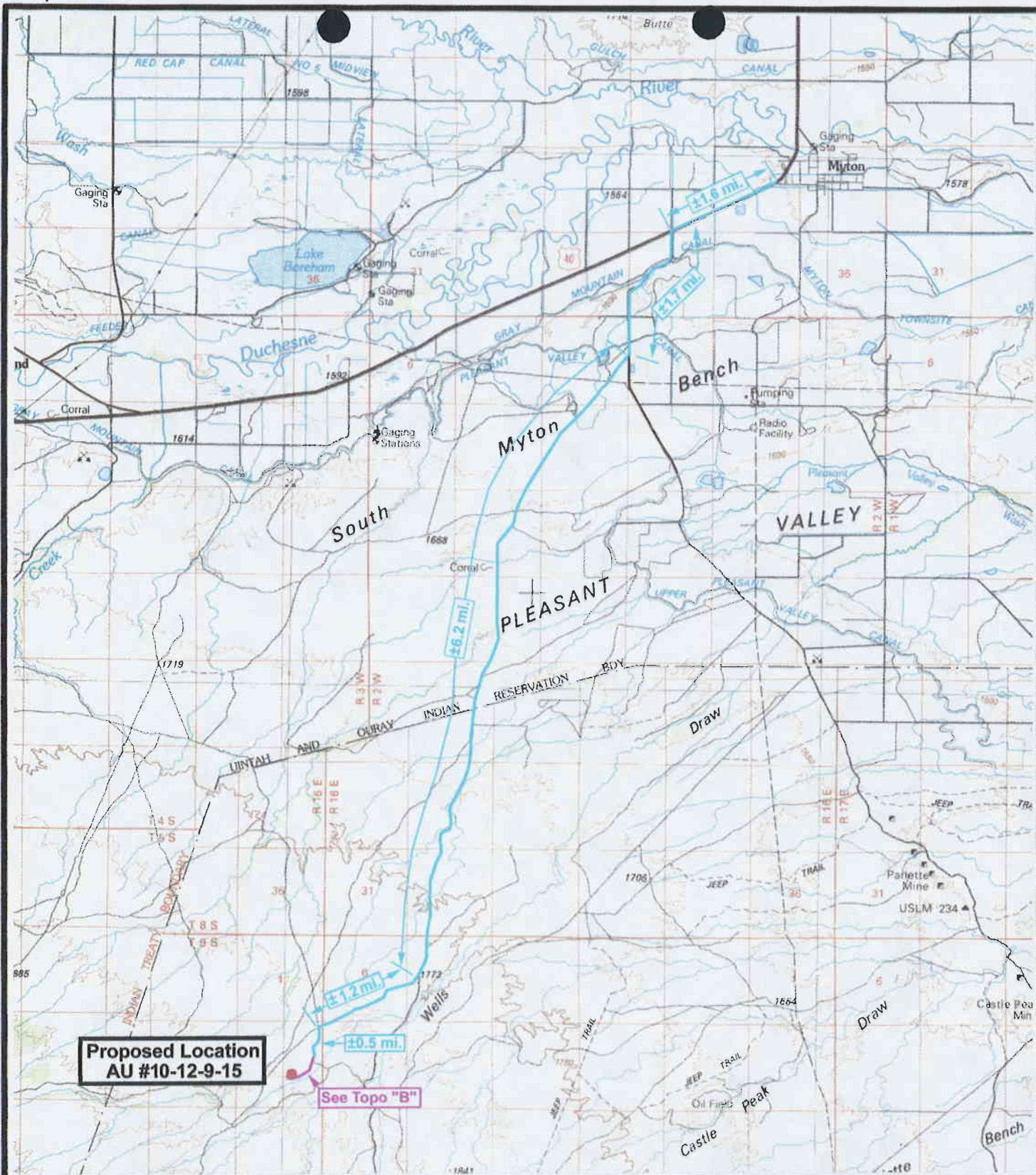
6/28/00  
Date

Joyce I. McGough  
Joyce I. McGough  
Regulatory Technician

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**Proposed Location  
AU #10-12-9-15**

**See Topo "B"**

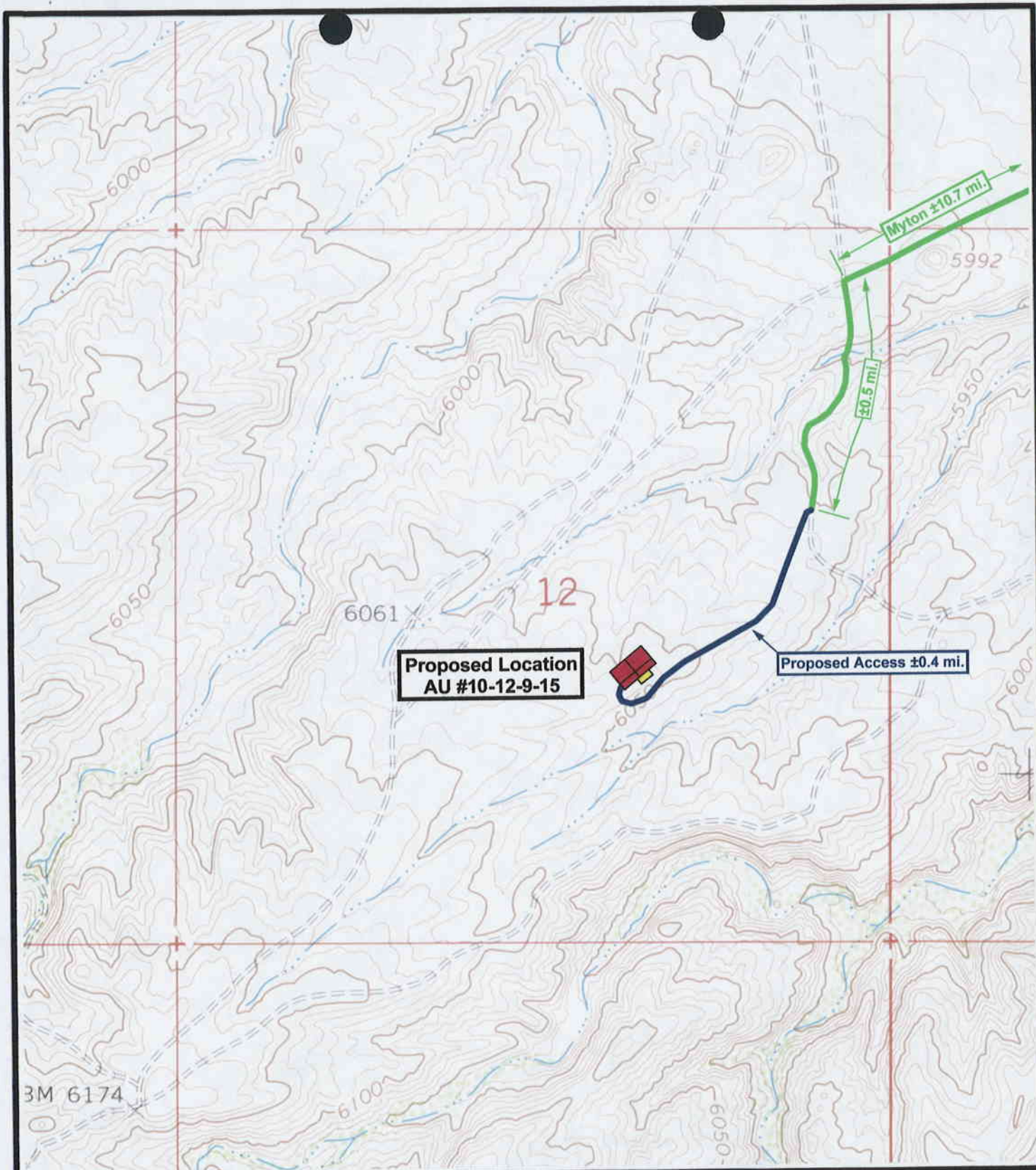


**ASHLEY UNIT #10-12-9-15  
SEC. 12, T9S, R15E, S.L.B.&M.  
TOPOGRAPHIC MAP "A"**



Drawn By: SS	Revision:
Scale: 1 : 100,000	File:
Date: 6-12-00	
Tri-State Land Surveying Inc. P.O. Box 533, Vernal, UT 84078 435-781-2501 Fax 435-781-2518	





**ASHLEY UNIT #10-12-9-15**  
**SEC. 12, T9S, R15E, S.L.B.&M.**  
**TOPOGRAPHIC MAP "B"**



Drawn By: SS

Revision: 12-15-99

Scale: 1" = 1000'

File:












Date: 6-5-00

**Tri-State Land Surveying Inc.**  
**P.O. Box 533, Vernal, UT 84078**  
**435-781-2501 Fax 435-781-2518**

[illegible]

JUL 03 2000

# DIVISION OF OIL, GAS AND MINING

- Well Categories**
-  INJ
  -  WTR
  -  SWD
  -  OIL
  -  GAS
  -  DRY
  -  SHUTIN
  -  SUSPENDED
  -  ABND
-  Injection Stations
-  Unit Sections

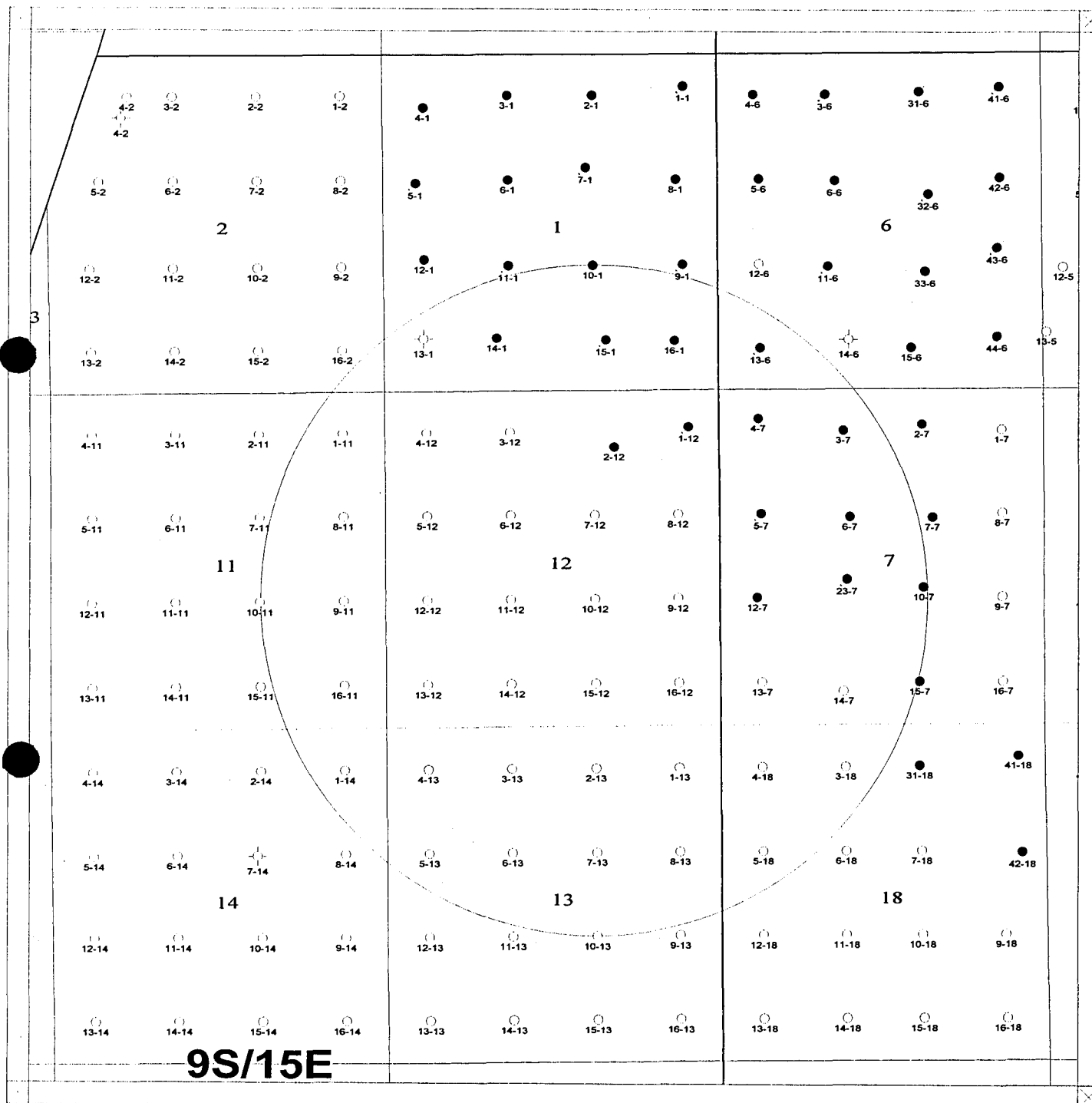


410 17<sup>th</sup> Street Suite 700  
Denver, Colorado 80202  
Phone: (303)-893-0102

**UINTA BASIN**  
Duchenne & Uintah Counties, Utah

Date: 11-15-99

KA



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OIL, GAS AND MINING

**EXHIBIT D**

Inland Resources Inc.		
One Mile Radius Ashley Federal 10-12		
Joyce McGough	(SEC Parameters)	06/27/2000
Scale 1:28000.		

**9S/15E**

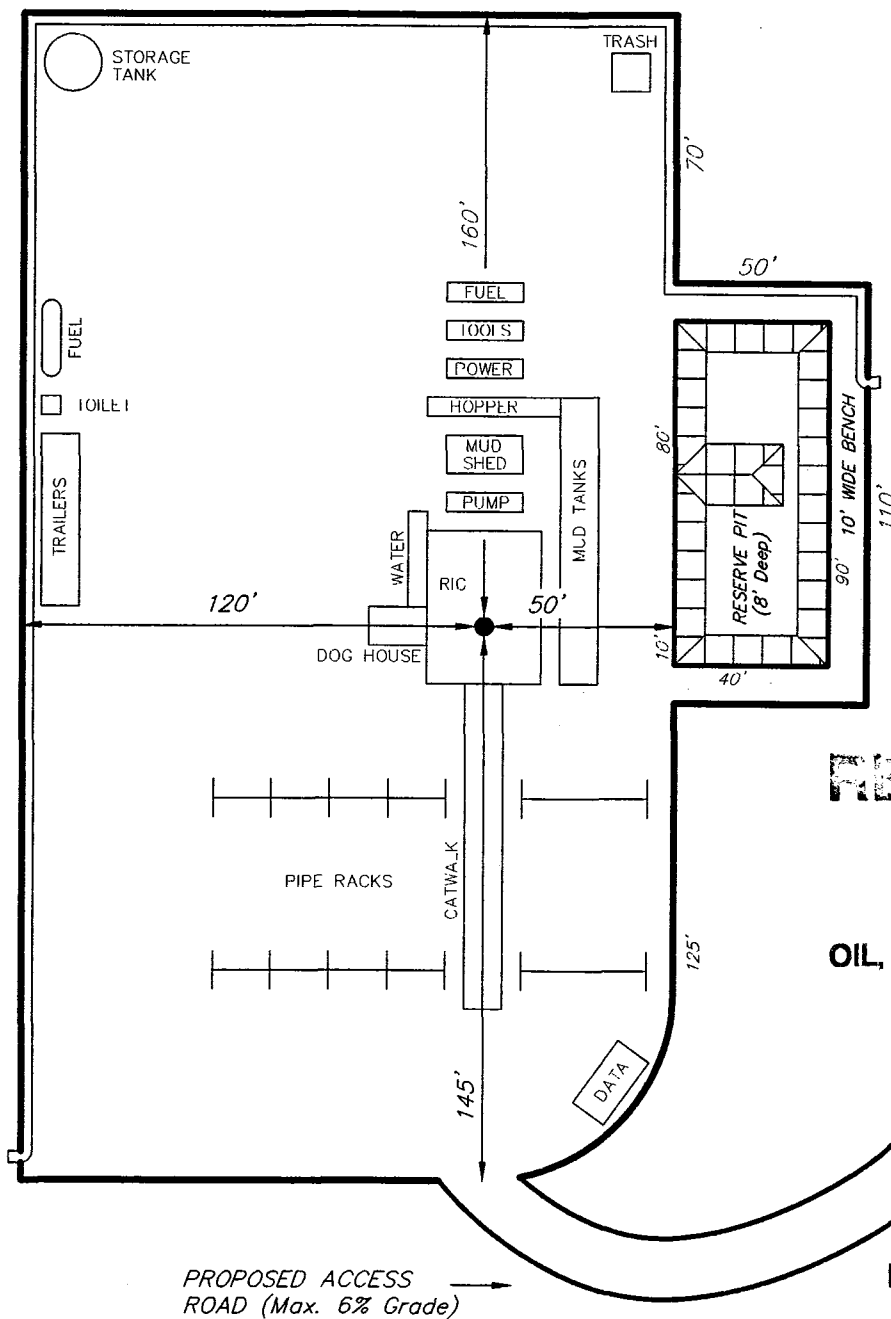


(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

ASHLEY UNIT #10-12-9-15



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OIL, GAS AND MINING

EXHIBIT E

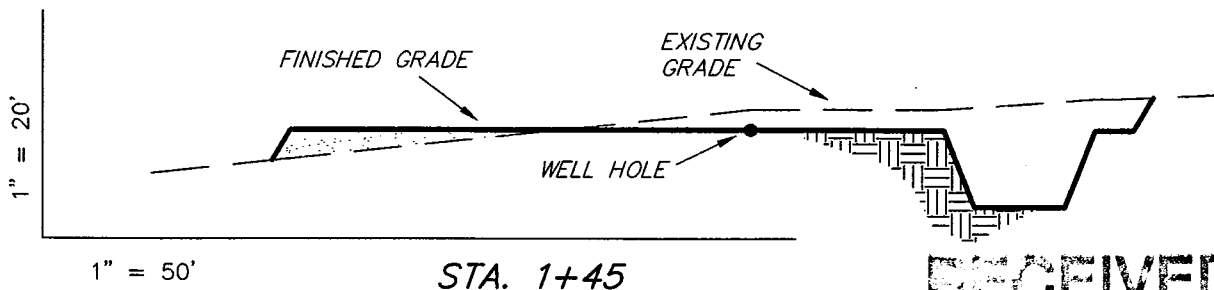
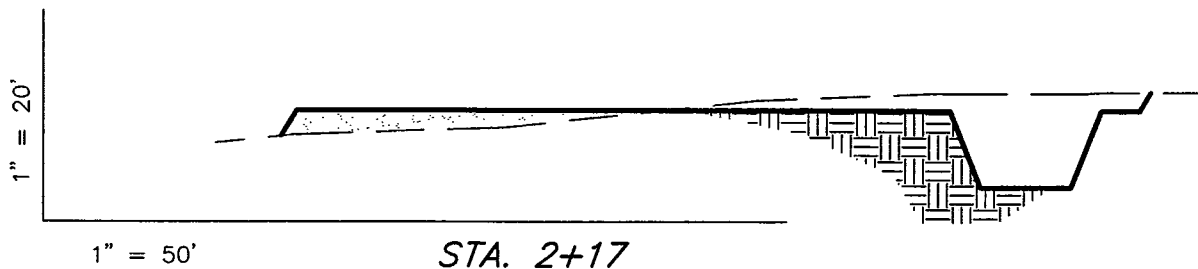
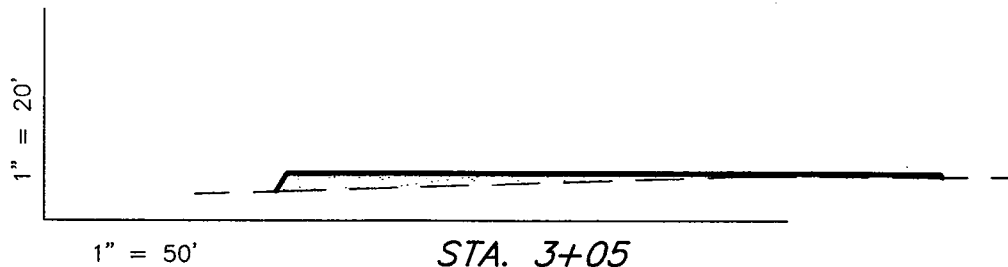
**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
38 WEST 100 NORTH, VERNAL, UTAH 84078



# INLAND PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT #10-12-9-15



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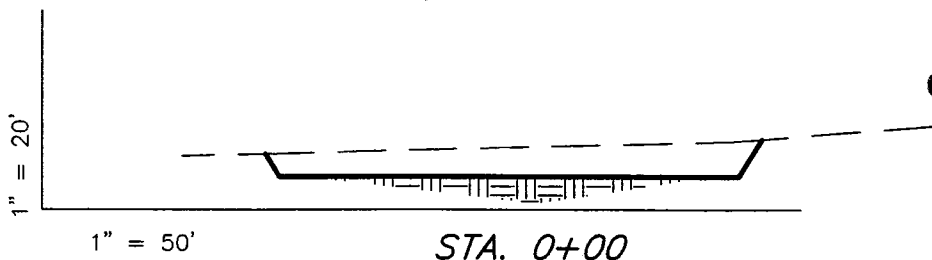


EXHIBIT E-1

#### APPROXIMATE YARDAGES

CUT = 1,580 Cu. Yds.

FILL = 1,580 Cu. Yds.

PIT = 920 Cu. Yds.

6" TOPSOIL = 1,060 Cu. Yds.

SURVEYED BY: G.S.

SCALE: 1" = 50'

DRAWN BY: B.J.S.

DATE: 6/7/00

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

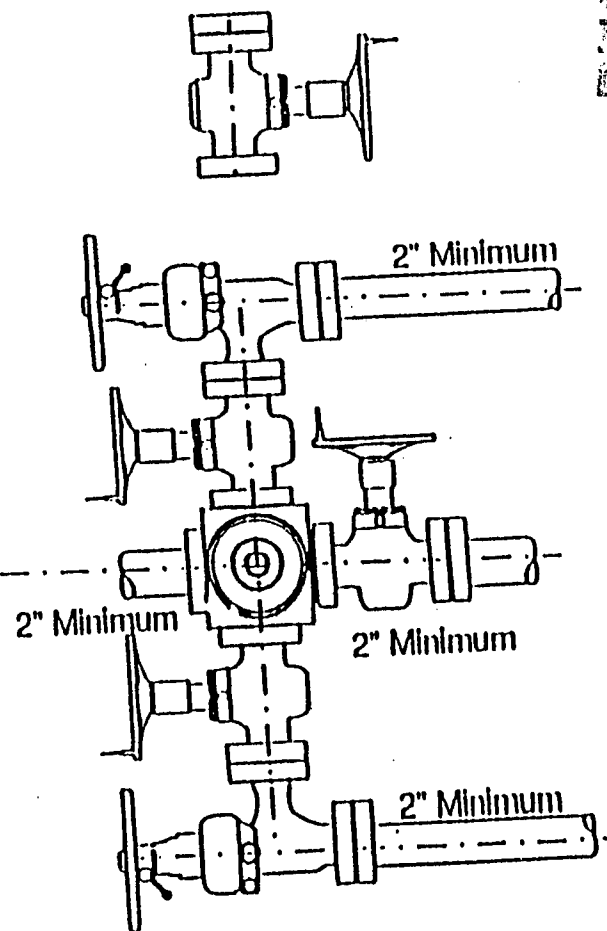
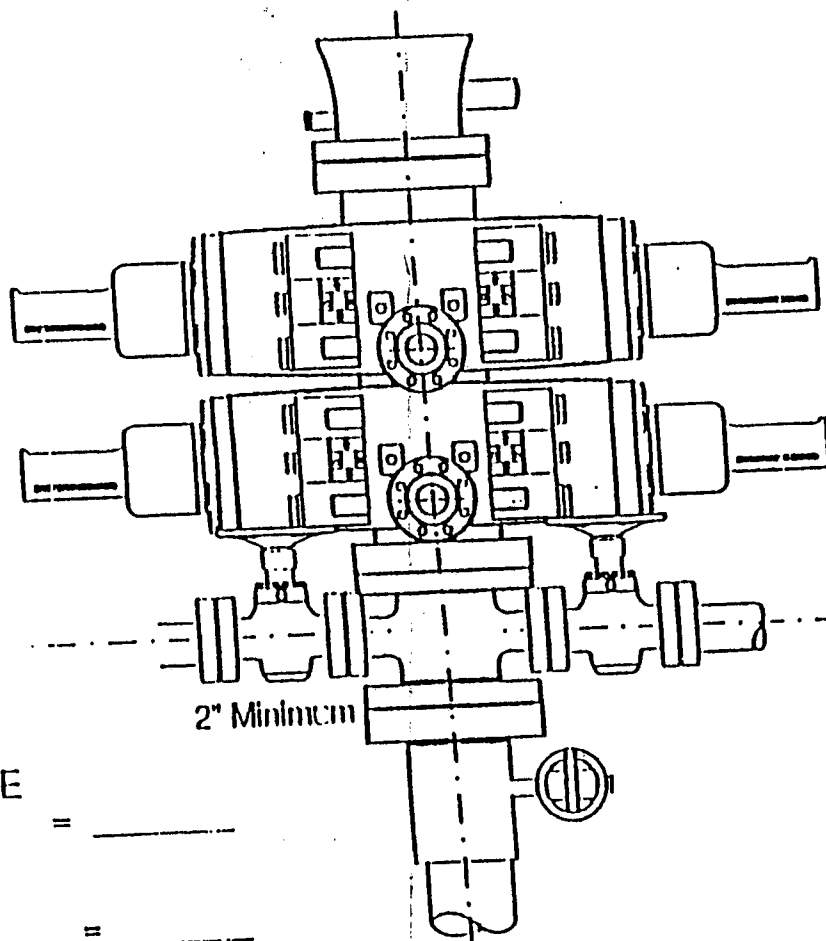
B.O.P.

## 2-M SYSTEM

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OIL, GAS AND MINING



● CLOSE  
ar BOP = \_\_\_\_\_  
ype BOP  
rams x \_\_\_\_\_ = \_\_\_\_\_  
= \_\_\_\_\_ Gal.  
\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

adding off to the next higher  
ment of 10 gal. would require  
... Gal. (total fluid & nitro volume)

EXHIBIT F

Well No.: Ashley 10-12-9-15

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley 10-12-9-15

API Number:

Lease Number: UTU-74826

Location: NWSE Sec. 12, T9S, R15E

**GENERAL**

Access road will enter well pad from the SW, branching off of existing gravel road to the NE (see attached Topographic Map B).

**CULTURAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**PALEONTOLOGICAL RESOURCES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**WILDLIFE AND FISHERIES**

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**SAGE GROUSE:** No new construction or surface disturbing activities will be allowed between March 1 and June 30 due to the location's proximity (2 mile radius) to Sage Grouse strutting grounds.

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OIL, GAS AND MINING**

## THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

## OTHER

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**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 07/03/2000

API NO. ASSIGNED: 43-013-32172

WELL NAME: ASHLEY UNIT 10-12

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: JOYCE MCGOUGH

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

NWSE 12 090S 150E

SURFACE: 2007 FSL 1899 FEL

BOTTOM: 2007 FSL 1899 FEL

DUCHESNE

UNDESIGNATED ( 2 )

LEASE TYPE: 1-Federal

LEASE NUMBER: UTU-74826

SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

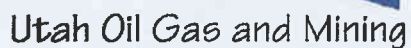
☒ Flat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )  
N Potash (Y/N)  
N Oil Shale (Y/N) \*190 - 5 (B)  
☒ Water Permit  
(No. MUNICIPAL )  
N RDCC Review (Y/N)  
(Date: )  
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

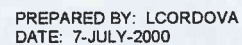
         R649-2-3. Unit Ashley  
         R649-3-2. General  
Siting:                                   
         R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 242-1  
Eff Date: 8-25-98  
Siting: 760' fr. Unit Boundary  
         R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



COUNTY: DUCHESNE UNIT: ASHLEY  
CAUSE: 242-1 / ENH REC



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

July 11, 2000

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2000 Plan of Development Ashley Unit,  
Duchesne County, Utah.

Pursuant to email between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2000 within the Ashley Unit, Duchesne County, Utah..

API #	WELL NAME	LOCATION
43-013-32170	Ashley Unit 6-12	Sec. 12, T9S, R15E 1996 FNL 2121 FWL
43-013-32171	Ashley Unit 9-12	Sec. 12, T9S, R15E 1790 FSL 0470 FEL
43-013-32172	Ashley Unit 10-12	Sec. 12, T9S, R15E 2007 FSL 1899 FEL
43-013-32173	Ashley Unit 11-12	Sec. 12, T9S, R15E 1859 FSL 1990 FWL
43-013-32174	Ashley Unit 12-12	Sec. 12, T9S, R15E 1996 FSL 0565 FWL
43-013-32175	Ashley Unit 13-12	Sec. 12, T9S, R15E 0467 FSL 0644 FWL
43-013-32176	Ashley Unit 14-12	Sec. 12, T9S, R15E 0485 FSL 1911 FWL
43-013-32177	Ashley Unit 15-12	Sec. 12, T9S, R15E 0747 FSL 2046 FEL
43-013-32178	Ashley Unit 16-12	Sec. 12, T9S, R15E 0915 FSL 0646 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Ashley Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:7-11-00

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JUL 12 2000

DIVISION OF  
OIL, GAS AND MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

July 13, 2000

Inland Production Company  
410 Seventeenth St, Suite 700  
Denver, CO 80202

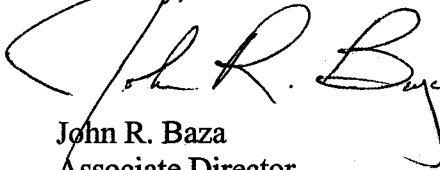
Re: Ashley Unit 10-12 Well, 2007' FSL, 1899' FEL, NW SE, Sec. 12, T. 9 South, R. 15 East,  
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32172.

Sincerely,



John R. Baza  
Associate Director

er

Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office



**Operator:** Inland Production Company  
**Well Name & Number** Ashley Unit 10-12  
**API Number:** 43-013-32172  
**Lease:** UTU-74826

**Location:** NW SE      **Sec.** 12      **T.** 9 South      **R.** 15 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338
- Contact Robert Krueger at (801) 538-5274.

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**



July 25, 2000

United States Department of Interior  
Bureau of Land Management - Vernal District Office  
Attention: Margie Herrmann  
170 South 500 East  
Vernal, Utah 84078-2799

RE: ~~Ashley Federal #12-12~~ 43-013-32171  
Ashley Federal #11-12 43-013-32173  
Ashley Federal #13-12 43-013-32175  
Ashley Federal #15-12 43-013-32177  
Section 12-T9S-R15E  
Duchesne County, Utah

Dear Ms. Herrmann:

Enclosed please find Exhibit "C" for each of the wells listed above; showing the proposed water and gas lines for these future injection wells. The exhibits are submitted in triplicate for your review and approval.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Joyce McGough  
Regulatory Technician

Enclosures: Exhibit C, in color (3 copies of each)

cc: State of Utah  
Division of Oil, Gas & Mining  
ATTN: Lisha Cordova  
1594 West North Temple - Suite 1210  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RECEIVED

JUL 28 2000

DIVISION OF  
OIL, GAS AND MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐  
1b. TYPE OF WELL  
OIL ☐ GAS ☐ SINGLE ☐ MULTIPLE ☐  
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At Surface **NW/SE**  
At proposed Prod. Zone **2006.7' fsl and 1899.1' fel**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13.9 miles southwest of Myton, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
**Approx. 1899.1'**

16. NO. OF ACRES IN LEASE  
**2189.98**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.  
**Approx. 1259.3'**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**6059.9' GR**

22. APPROX. DATE WORK WILL START\*  
**4th Quarter, 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval for Application of Permit to Drill are also attached.

RECEIVED  
JUL 03 2000

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Joyce McGough TITLE Regulatory Technician DATE June 28, 2000  
**Joyce McGough**

(This space for Federal or State office use)

NOTICE OF APPROVAL

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Thomas B. Clavette TITLE Assistant Field Manager Mineral Resources DATE 12/18/00

DEC 18 2000

DIVISION OF  
OIL, GAS AND MINING

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Ashley Federal 10-12

API Number: 43-013-32172

Lease Number: U -74826

Location: NWSE Sec. 12 T. 9S R. 15E

Agreement: Ashley Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

RECEIVED

DEC 18 2000

DIVISION OF  
OIL, GAS AND MINING

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at  $\pm 857$  ft.

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DEC 18 2000

DIVISION OF  
OIL, GAS AND MINING

SURFACE USE PROGRAM  
Conditions of Approval (COA)  
Inland Production Company - Well No. 10-12-9-15

Plans For Reclamation of Location:

All seeding for reclamation operations at this location shall use the following seed mixture:

black sage brush	Artemisia nova	4 lbs/acre
shadscale	Atriplex confertifolia	4 lbs/acre
blue gramma grass	Bouteloua gracilis	4 lbs/acre

If the seed mixture is to be aerially broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

Other Additional Information:

Installation of a surface gas line along the edge of the access road is also approved. If installation of the surface gas line is to occur March 1 through August 15 additional surveys will be required for wildlife. If surface disturbances occur along this gas line route the operator may be required to perform reclamation work to return surface to natural conditions.

RECEIVED

DEC 18 2000

DIVISION OF  
OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: ASHLEY UNIT 10-12

Api No.. 43-013-32172 LEASE TYPE: FEDERAL

Section 12 Township 09S Range 15E County DUCHESNE

Drilling Contractor LEON ROSS DRILLING RIG # 14

SPUDDED:

Date 01/15/2001

Time 8:30 AM

How DRY

Drilling will commence

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 01/16/2001 Signed: CHD



June 1, 2001

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

## SUBMIT IN TRIPLICATE

### 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

### 2. Name of Operator

INLAND PRODUCTION COMPANY

### 3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

### 4. Location of Well (Footage, Sec., T., R., mt., or Survey Description)

2006.7' FSL & 1399.1' NW/SE Sec. 12, T9S, R15E

Form BLM-100-1-100-100

Expires: March 31, 2003

### 5. Lease Designation and Serial No.

# U-74826

### 6. If Indian, Allottee or Tribe Name

NA

### 7. If Unit or C.A. Agreement Designation

# Ashley

### 8. Well Name and No.

# Ashley Fed. 10-12

### 9. API Well No.

# 43-013-32172

### 10. Field and Pool, or Exploratory Area

# Ashley Fed.

### 11. County or Parish, State

# Duchesne, Utah.

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsegment Report  
☐ Final Abandonment Notice

### TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud Notice

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log when.)

### 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

On 1/15/01, MIRU Ross #14. Drill 307' of 12 1/4" hole with air mist. THH w/ 7 Jt's 85.3" J-55 24# esgn. Set @ 302.56 KB.

Cement with 145 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-flake Mixed @ 15.3 ppg > 1.17 cr/sk yield. 3 bbls cement returned to surface. WOC.

I hereby certify that the foregoing is true and correct.

Signed

Paul A. Lerner

Date

Drilling Foreman

Date

01/22/2001

3 5/8 CASING SET AT 302.56

LAST CASING 3 5/8" SET AT 302.56  
 DATUM 10' B  
 DATUM TO CUT OFF CASING  
 DATUM TO BRADENHEAD FLANGE  
 TD DRILLER 307' LOGGER  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL Ashley Federal 10-12-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Ross #14

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					3.7
		shut 41.2					
		WHI - 92 csg head			3rd	A	0.95
7	3 5/8"	Maverick ST&C csg	24#	J-55	3rd	A	290.71
		GUIDE shoe			3rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			296.26
TOTAL LENGTH OF STRING		296.26		LESS CUT OFF PIECE			3.7
LESS NON CSG. ITEMS		5.55		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT CUT		0		CASING SET DEPTH			302.56
TOTAL		290.71	7				
TOTAL CSG. LBS. NO THROD		290.71	7	COMPARE			
TIMING		1ST STAGE					
BEGIN RUN CSG.		SPUD	01/15/2001	GOOD CIRC THRU JOB			
CSG. IN HOLE		8:30am		Bbls CMT CIRC TO SURFACE			
BEGIN CIRC				RECIPROCATED PIPE FOR			
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ?			
BEGIN DSPL. CMT				BUMPED PLUG TO			
PLUG DOWN		Cemented	01/17/2001	103 PSI			

TOTAL	290.71	7	} COMPARE
TOTAL CSG. IN HOLE (3RD STAGE)	290.71	7	
TIMING	1ST STAGE		
BEGIN RUN CSG.	SPUD	01/15/2001	GOOD CIRC THRU JOB <u>yes</u>
CSG. IN HOLE	8:30am		Bbls CMT CIRC TO SURFACE <u>3</u>
BEGIN CIRC			RECIPROCATED PIPE FOR <u>      </u> THRU <u>      </u> FT STROKE
BEGIN PUMP CMT			DID BACK PRES. VALVE HOLD ? <u>N/A</u>
BEGIN DSPL. CMT			BUMPED PLUG TO <u>      </u> 103 <u>      </u> PSI
PLUG DOWN	Cemented	01/17/2001	

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: INLAND PRODUCTION COMPANY  
ADDRESS RT. 3 BOX 3630  
MYTON, UT 84052

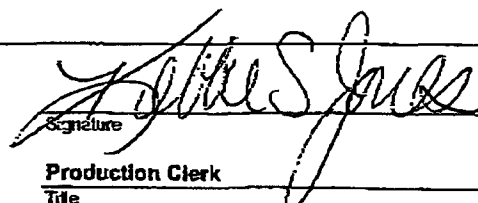
OPERATOR ACCT NO N5160

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12419	32165 43-013-32609	Ashley #8-12	SE/NE	12	9S	15E	Duchesne	January 9, 2001	01/09/2001
WELL 1 COMMENTS 1-30-01											
A	99999	12419	43-013-32172	Ashley #10-12	NW/SE	12	9S	15E	Duchesne	January 15, 2001	01/15/2001
WELL 2 COMMENTS 1-30-01											
A	99999	12419	43-013-32171	Ashley #9-12	NE/SE	12	9S	15E	Duchesne	January 23, 2001	01/23/2001
WELL 3 COMMENTS 1-30-01											
WELL 4 COMMENTS											
WELL 5 COMMENTS											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or area well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
Signature Keshia S. Jones  
Production Clerk January 26, 2001  
Title Date

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5967.4'

fltccr@5931'

LAST CASING 8 5/8" SET AT 302.56  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5982' LOGGER 5992'  
 HOLE SIZE 7 7/8"

OPERATOR Inland Production Company  
 WELL Ashley Federal 10-12-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # UNION #14

## LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14.4
136	5 1/2"	Maverick LT&C csg ( flag 38')	15.5#	J-55	8rd	A	5921.89
		Float Collar ( auto fill )			8rd	A	0.65
1	5 1/2"	Maverick LT&C csg	15.5#	J-55	8rd	A	34.26
		<b>GUIDE</b> shoe			8rd	A	0.6

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5974.8
TOTAL LENGTH OF STRING	5971.8	137	LESS CUT OFF PIECE	14.4
LESS NON CSG. ITEMS	15.65		PLUS DATUM TO T/CUT OFF CSG	10
PLUS FULL JTS. LEFT OUT	89.97	2	CASING SET DEPTH	<b>5967.4</b>
TOTAL	6046.12	139		

TOTAL CSG. DEL. (W/O THRDS)	6046.12	139	} COMPARE	
TIMING	1ST STAGE	2nd STAGE		
BEGIN RUN CSG.	3:00am		GOOD CIRC THRU JOB	yes
CSG. IN HOLE	6:00am		Bbls CMT CIRC TO SURFACE	5
BEGIN CIRC	6:20am	7:17 AM	RECIPROCATED PIPE FOR	5mins. THRU 6' FT STROKE
BEGIN PUMP CMT	7:25AM	7:43am	DID BACK PRES. VALVE HOLD ?	yes.
BEGIN DSPL. CMT	8:06am		BUMPED PLUG TO	1800 PSI
PLUG DOWN		8:34am		

CEMENT USED		CEMENT COMPANY- <b>BJ</b>
STAGE	# SX	CEMENT TYPE & ADDITIVES
1	275	Prem-lite II W/ .5% SMS, 10% gel, 3#/sk BA90, 3#/sk kolseal, 3% KCL, 1/4#/sk C.F., .05#/sk staticfree mixed @ 11.0 ppg W/ 3.43 cf/sk yield.
2	475	50/50 poz W/ 3% KCL, 1/4#/sk C.F., 2% gel, .3% SMS, .05#/sk staticfree mixed @ 14.4 ppg W/ 1.24 cf/sk yield.
		SHOW MAKE & SPACING
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.		
FEB 14 2001		
DIVISION OF OIL, GAS AND MINING		

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

## 1. Type of Well

Oil  
WellGas  
Well

Other

## 2. Name of Operator

**INLAND PRODUCTION COMPANY**

## 3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

## 4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2006.7' FSL & 1899.1" NW/SE Sec.12, T9S, R15E**

## 5. Lease Designation and Serial No.

# U-74826

## 6. If Indian, Allottee or Tribe Name

NA

## 7. If Unit or CA, Agreement Designation

# Ashley

## 8. Well Name and No.

# Ashley Fed. 10-12

## 9. API Well No.

# 43-013-32172

## 10. Field and Pool, or Exploratory Area

# Ashley Fed.

## 11. County or Parish, State

# Duchesne, Utah.

## 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

## TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

**Weekly Status report**

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 2/05/01 MIRU Union #14. Set equipment. Nipple up BOP's. Test BOP's, Choke manifold, Kelly, TIW. To 2,000 psi. Test 85/8" csgn to 1,500 psi. State office of DOGM, & Vernal office of the BLM were notified of the test. Tag cement top @ 262'. Drill out cement & shoe. Drill 77/8" hole with air mist to a depth of 3,819'. TOH with drill string and BHA. PU & MU bit #2, MM & BHA. Drill 77/8" hole with water based mud to a depth of 5982'. Lay down drill string. Open hole log. PU & MU Guide shoe, 1 jt 51/2" csg, Float collar & 136 jt's J-55 15.5 # 51/2" csgn. Set @ 5967'KB. Cement with 475 sks. 50/50 POZ w/3% KCL, 1/4#sk Cello-Flake, 2% Gel, .3%SMS, .05#sk Static free, Mixed @ 14.4PPG >1.24 YLD. Then 275sksPrem Litell w/3% KCL, 3# sk Kolseal, 8% Gel, .5SMS, 5#sk BA90, mixed @ 11.0PPG >3.43D. Good returns thru job with 5 bbls cement returned to pit. Set slips with 72,000# tension. Release rig @ 12:30 pm on 2/11/01. WOC.

RECEIVED

FEB 14 2001

DIVISION OF

OIL, GAS AND MINING

## 14. I hereby certify that the foregoing is true and correct

Signed

*Pat Wisener*

Title

Drilling Foreman

Date

02/12/2001

Pat Wisener

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

FORM 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT - -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2006.7' FSL & 1899.1' FEL NW/SE Section 12, T9S, R15E**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

**UTU-74826**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**Ashley Unit**

8. Well Name and No.

**Ashley Unit 10-12-9-15**

9. API Well No.

**43-013-32172**

10. Field and Pool, or Exploratory Area

**Ashley Field**

11. County or Parish, State

**Duchesne County, Utah**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Status report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time period 2/26/01 through 3/4/01.  
Subject well had completion procedures initiated on 3/1/01. One Green River interval has been perforated and hydraulically fractured to date. Two additional Green River intervals await treatment.

14. I hereby certify that the foregoing is true and correct

Signed

*Gary Dietz*  
Gary Dietz

Title

**Completion Foreman**

Date

**5-Mar-01**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

**RECEIVED**

**MAR 06 2001**

**DIVISION OF  
OIL, GAS AND MINING**

FORM 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil ☐ Gas ☐  
☒ Well ☐ Well ☐ Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Route #3 Box 3630 Myton, Utah 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**2006.7' FSL & 1899.1' FEL NW/SE Section 12, T9S, R15E**

5. Lease Designation and Serial No.  
**UTU-74826**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**Ashley Unit**

8. Well Name and No.  
**Ashley Unit 10-12-9-15**

9. API Well No.  
**43-013-32172**

10. Field and Pool, or Exploratory Area  
**Ashley Field**

11. County or Parish, State  
**Duchesne County, Utah**

**12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Status report**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time period 3/5/01 through 3/11/01.  
Subject well had completion procedures initiated on 3/1/01. A total of three Green River intervals were perforated and hydraulically fractured. Brige plugs and sand plugs were removed from wellbore. Zones were swab tested for cleanup. Production equipment was ran in well. Well began producing on pump on 3/9/01.

14. I hereby certify that the foregoing is true and correct  
Signed Gary Dietz

Title **Completion Foreman** Date **12-Mar-01**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:  
CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

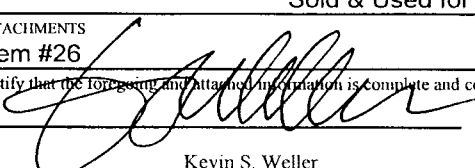
**RECEIVED**

**MAR 14 2001**

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

<b>1a. TYPE OF WORK</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>1b. TYPE OF WELL</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____						5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74826</b>	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b>	
2. NAME OF OPERATOR <b>INLAND RESOURCES INC.</b>						7. UNIT AGREEMENT NAME <b>ASHLEY</b>	
3. ADDRESS AND TELEPHONE NO. <b>410 17th St. Suite 700 Denver, CO 80202</b>						8. FARM OR LEASE NAME, WELL NO. <b>ASHLEY FEDERAL 10-12-9-15</b>	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface <b>2006.7 FSL &amp; 1899.1' FEL (NW/SE) SECTION 12, T9S,R15E</b> At top prod. Interval reported below At total depth						9. API WELL NO. <b>43-013-32172</b>	
10. FIELD AND POOL OR WILDCAT <b>ASHLEY FEDERAL</b>						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>NW/SE SECTION 12 - T9S - R15E</b>	
14. PERMIT NO. <b>43-013-32172</b>				DATE ISSUED <b>07/13/00</b>		12. COUNTY OR PARISH <b>DUCHESNE</b>	
13. STATE <b>UT</b>		15. DATE SPUNDED <b>01/15/01</b>					
16. DATE T.D. REACHED <b>02/10/01</b>		17. DATE COMPL. (Ready to prod.) <b>03/10/01</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>6060' GR 6070' KB</b>		19. ELEV. CASINGHEAD <b>6061'</b>	
20. TOTAL DEPTH, MD & TVD <b>5982'</b>		21. PLUG BACK T.D., MD & TVD <b>5910'</b>		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <b>-----&gt;</b>	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>Green River</b>		25. WAS DIRECTIONAL SURVEY MADE <b>No</b>		26. TYPE ELECTRIC AND OTHER LOGS RUN <b>2-33-01 DIGL/SP/GR TD to surface casing, 3-33-01 CDL/CNL/GR/CAL TO to 3000' 3-9-01 C134/624/CAL</b>		27. WAS WELL CORED <b>No</b>	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
8-5/8	24#	302.56	12-1/4	145 sks Class "G"/ 1.17 cf/sk yld		---	
5-1/2	15.5#	5967.4	7-7/8	275 sks Prem Lite II/w 3.43 yld		---	
				475 sks 50/50 Poz/w 1.24 yld		---	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @	TA @
						5441.09'	5241.70'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		
(GB6 sds) 4321-4333'	0.38	48	4697-4701'		w/66,970# 20/40 sd in 503 bbls fluid		
(D1 sds) 4773-4777'	0.38	16	4836-4840'		w/16,000# 20/40 sd in 213 bbls fluid		
(LDC4 sds) 5260-5272'	0.38	48	5131-5140'		w/ 115,00# 20/40 sd in 841 bbls fluid		
(LDC3 sds) 5311-5315'	0.38	16	5187-5192'				
LDC2 sds) 5352-5356'	0.38	16	5466-5478'				
(LDC1 sds) 5384-5390'	0.38	24	5722-5728', 5753-5759'				
33.* PRODUCTION							
DATE FIRST PRODUCTION <b>03/10/01</b>		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-1/2" x 15' RHAC Pump</b>				WELL STATUS (Producing or shut-in) <b>PRODUCING</b>	
DATE OF TEST <b>10 day ave</b>	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD <b>-----&gt;</b>	OIL--BBL.S. <b>50.3</b>	GAS--MCF <b>44.1</b>	WATER--BBL. <b>14.1</b>	GAS-OIL RATIO <b>877</b>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE <b>-----&gt;</b>	64.2 GAS--MCF		WATER--BBL.		OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Sold &amp; Used for Fuel</b>						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS <b>Logs In Item #26</b>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED 		TITLE <b>Manager, Development Operations</b>				DATE <b>4/4/01</b>	
Kevin S. Weller							

\*(See Instructions and Spaces for Additional Data on Reverse Side)



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	TRUE	
					MEAS. DEPTH	VERT. DEPTH
			ASHLEY FEDERAL 10-12-9-15	Garden Gulch Mkr	3746	
				Garden Gulch 2	4082	
				Point 3 Mkr	4336	
				X Mkr	4594	
				Y-Mkr	4627	
				Douglas Creek Mkr	4738	
				BiCarbonate Mkr	4939	
				B Limestone Mkr	5062	
				Castle Peak	5649	
				Basal Carbonate		
				Total Depth (LOGGERS	5992	



April 5, 2001

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daneils  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daneils

Re: Ashley Federal 10-12-9-15  
NW/SE Sec.12, T9S, R15E  
Duchesne, Country UT

Dear Ms. Carol Daneils

Enclosed is a Well Completion or Recompletion Report and Log form (Form 3160-4). We are no longer sending Log copies since Dave Jull of Phoenix Surveys is already doing so.

If you should have any questions, please contact me at (303) 893-0102 ext. 1441

Sincerely,

Cyndee Miller  
Operations Secretary

Enclosures

cc: Bureau of Land Management  
Vernal District Office, Division of Minerals  
Attn: Edwin I. Forsman  
170 South 500 East  
Vernal, Utah 84078

Well File - Denver  
Well File - Roosevelt  
Patsy Barreau/Denver  
Bob Jewett/Denver

RECEIVED

APR 10 2001

DIVISION OF  
OIL, GAS AND MINING

**AMENDED**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

<b>1a. TYPE OF WORK</b> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____ <b>1b. TYPE OF WELL</b> NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR. <input type="checkbox"/> Other _____						<b>5. LEASE DESIGNATION AND SERIAL NO.</b> UTU-74826 <b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA <b>7. UNIT AGREEMENT NAME</b> ASHLEY <b>8. FARM OR LEASE NAME, WELL NO.</b> ASHLEY FEDERAL 10-12-9-15 <b>9. API WELL NO.</b> 43-013-32172 <b>10. FIELD AND POOL OR WILDCAT</b> ASHLEY FEDERAL <b>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA</b> NW/SE SECTION 12 - T9S - R15E <b>12. COUNTY OR PARISH</b> DUCHESSNE <b>13. STATE</b> UT	
<b>2. NAME OF OPERATOR</b> INLAND RESOURCES INC. <b>3. ADDRESS AND TELEPHONE NO</b> 410 17th St. Suite 700 Denver, CO 80202 <b>4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*</b> At Surface 2006.7 FSL & 1899.1' FEL (NW/SE) SECTION 12, T9S, R15E At top prod. Interval reported below At total depth						<b>14. PERMIT NO.</b> 43-013-32172 <b>DATE ISSUED</b> 07/13/00 <b>15. DATE SPUN</b> 01/15/01 <b>16. DATE T.D. REACHED</b> 02/10/01 <b>17. DATE COMPL. (Ready to prod.)</b> 03/10/01 <b>18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*</b> 6060' GR    6070' KB <b>19. ELEV. CASINGHEAD</b> 6061'	
<b>20. TOTAL DEPTH, MD &amp; TVD</b> 5982'		<b>21. PLUG BACK T.D., MD &amp; TVD</b> 5910'		<b>22. IF MULTIPLE COMPL., HOW MANY*</b>  <b>23. INTERVALS DRILLED BY</b> ----->		<b>ROTARY TOOLS</b> X <b>CABLE TOOLS</b>  <b>24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*</b> Green River <b>25. WAS DIRECTIONAL SURVEY MADE</b> No <b>26. TYPE ELECTRIC AND OTHER LOGS RUN</b> DIGL/SP/GR TD to surface casing, CDL/CNL/GR/CAL TO to 3000' <b>27. WAS WELL CORED</b> No	

23. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	302.56'	12-1/4	145 sks Class "G"/ 1.17 cf/sk yld	
5-1/2	15.5#	5967.4'	7-7/8	275 sks Prem Lite II/w 3.43 yld	
				475 sks 50/50 Poz/w 1.24 yld	

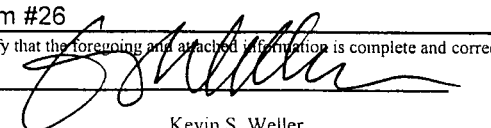
29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @	TA @
						5441.09'	5241.70'

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
(LOC sds) 5260-72'	0.38	48			
5311-15'	0.38	16			
5352-56'	0.38	16			
5384-90'	0.38	24	5260-5390'	w/115,000# 20/40 sd in 841 bbl. fluid	
(D2 sds) 4773-77'	0.38	16	4773-4777'	w/16,000# 20/40 sd in 213 bbls fluid	
(GB-6 sds) 4321-33'	0.38	48	4321-4333'	w/ 66,970# 20/40 sd in 503 bbls fluid	

33.* PRODUCTION							
<b>DATE FIRST PRODUCTION</b> 03/10/01		<b>PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)</b> 2-1/2" x 1-1/2" x 15' RHAC Pump				<b>WELL STATUS (Producing or shut-in)</b> PRODUCING	
<b>DATE OF TEST</b> 10 day ave	<b>HOURS TESTED</b>	<b>CHOKE SIZE</b>	<b>PROD'N. FOR TEST PERIOD</b> ----->	<b>OIL--BBL.S.</b> 50.3	<b>GAS--MCF.</b> 44.1	<b>WATER--BBL.</b> 14.1	<b>GAS-OIL RATIO</b> 877
<b>FLOW TUBING PRESS.</b>	<b>CASING PRESSURE</b>	<b>CALCULATED 24-HOUR RATE</b> ----->	<b>64.2 GAS--MCF.</b>		<b>WATER--BBL.</b>	<b>OIL GRAVITY-API (CORR.)</b>	

<b>34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)</b> Sold & Used for Fuel						<b>TEST WITNESSED BY</b>
---	--	--	--	--	--	--------------------------

<b>35. LIST OF ATTACHMENTS</b> Logs In Item #26
--

<b>36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records</b>		
<b>SIGNED</b> 	<b>TITLE</b> Manager, Development Operations	<b>DATE</b> 5/7/01
Kevin S. Weller		

\*(See Instructions and Spaces for Additional Data on Reverse Side)

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas

SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****ASHLEY****WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ASHLEY 10-10-9-15	10	090S	150E	4301332291	12419	Federal	OW	P
ASHLEY 1-10-9-15	10	090S	150E	4301332293	12419	Federal	WI	A
ASHLEY 1-11-9-15	11	090S	150E	4301332213	12419	Federal	WI	A
ASHLEY 2-11-9-15	11	090S	150E	4301332214	12419	Federal	WI	A
ASHLEY 7-11-9-15	11	090S	150E	4301332215	12419	Federal	OW	TA
ASHLEY 8-11-9-15	11	090S	150E	4301332216	12419	Federal	OW	P
ASHLEY 10-11-9-15	11	090S	150E	4301332217	12419	Federal	OW	P
ASHLEY 9-11-9-15	11	090S	150E	4301332248	12419	Federal	WI	A
ASHLEY 15-11-9-15	11	090S	150E	4301332249	12419	Federal	WI	A
ASHLEY 16-11-9-15	11	090S	150E	4301332250	12419	Federal	OW	P
ASHLEY 3-11-9-15	11	090S	150E	4301332294	12419	Federal	OW	P
ASHLEY U 8-12	12	090S	150E	4301332165	12419	Federal	OW	P
ASHLEY U 6-12	12	090S	150E	4301332170	12419	Federal	OW	P
ASHLEY U 9-12	12	090S	150E	4301332171	12419	Federal	WI	A
ASHLEY U 10-12	12	090S	150E	4301332172	12419	Federal	OW	P
ASHLEY U 12-12	12	090S	150E	4301332174	12419	Federal	OW	P
ASHLEY U 13-12	12	090S	150E	4301332175	12419	Federal	OW	P
ASHLEY U 15-12	12	090S	150E	4301332177	12419	Federal	WI	A
ASHLEY U 16-12	12	090S	150E	4301332178	12419	Federal	OW	P
ASHLEY U 5-12	12	090S	150E	4301332181	12419	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:



6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY U 10-12
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. API NUMBER:</b> 43013321720000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2007 FSL 1899 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 12 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/6/2013	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
The subject well has been converted from a producing oil well to an injection well on 11/04/2013. On 11/05/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013 the casing was pressured up to 1560 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.		
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>		
<b>Date:</b> December 17, 2013		
<b>By:</b>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 11/11/2013	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_

Date 11/16/13

Time 9:00

am pm

Test Conducted by: Kevin Powell

Others Present: \_\_\_\_\_

Well: Ashley 10-12-9-15

Field: Monument Butte

Well Location: NW/SE, Sec. 12, T9S, R15E  
Duchesne County, Utah

API No: 43-013-32172

**Time**

**Casing Pressure**

0 min	<u>1560</u>	psig
5		psig
10		psig
15		psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: \_\_\_\_\_

0 psig

Result:

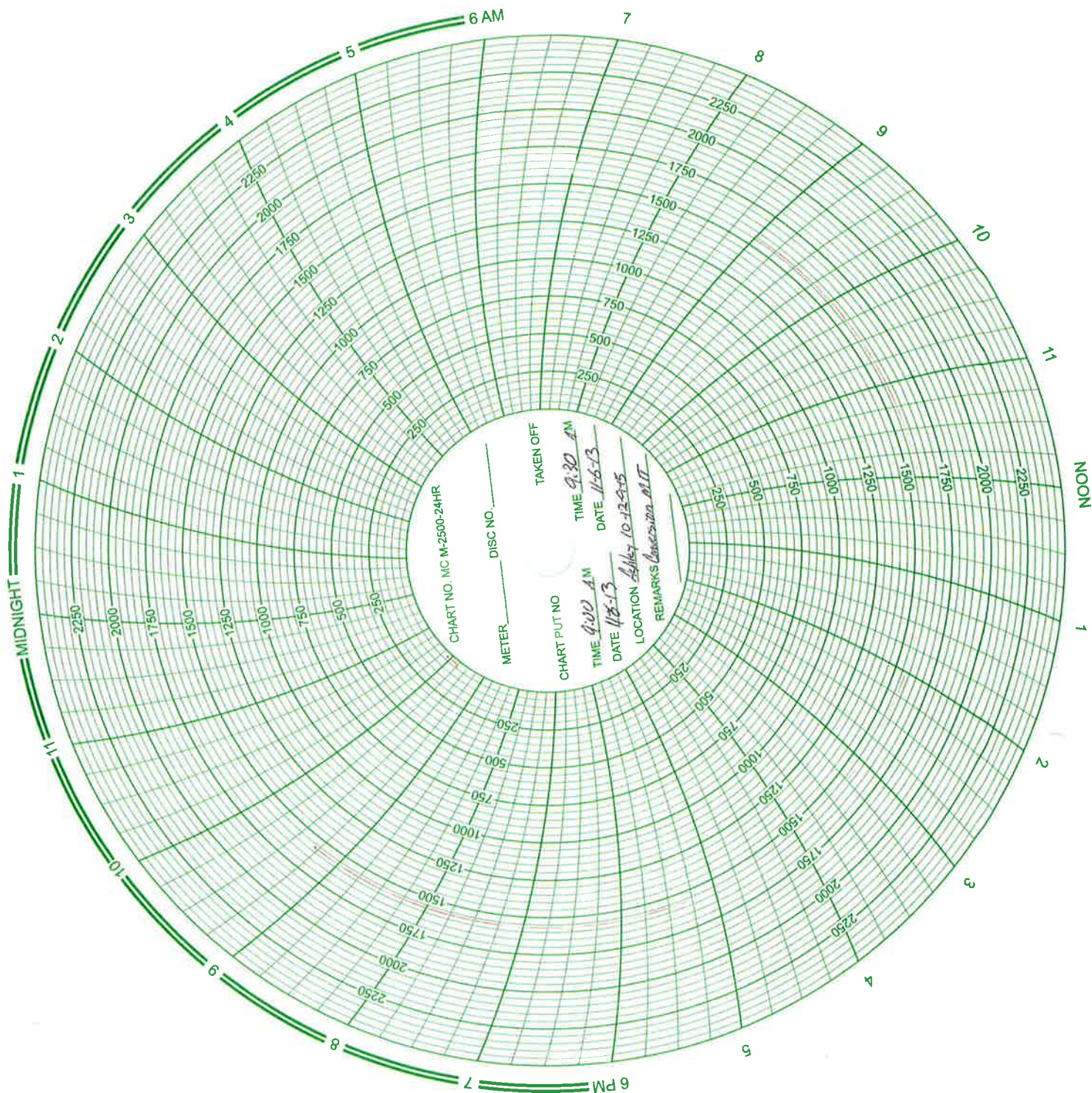
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Kevin Powell





## Daily Activity Report

Format For Sundry

**ASHLEY 10-12-9-15**

**9/1/2013 To 1/30/2014**

**11/1/2013 Day: 1**

**Conversion**

WWS #3 on 11/1/2013 - 11:00 LOAM FROM 5-15-4-1W TO 10-12-9-15 MIRU PUMP 20 BBLS DOWN CSG RD PUMPING UNIT UNSEAT PUMP W/ 6000 OVER STRING WT PUMP 40 BBLS DOWN TBG - 11:00 LOAM FROM 5-15-4-1W TO 10-12-9-15 MIRU PUMP 20 BBLS DOWN CSG RD PUMPING UNIT UNSEAT PUMP W/ 6000 OVER STRING WT PUMP 40 BBLS DOWN TBG. RESEAT PUMP SOFT SEAT & TEST TO 3000 PSI W/ 19 BBLS, TOOH LD RODS AS FOLLOWS 1 1/2 X 22 POLISH ROD 2-4', 1-6', 1-8' X 3/4 PONY RODS, 90 3/4 GUIDED RODS, 93 3/4 SLICK RODS, 36 3/4 GUIDED RODS 4-1 1/2 WT BARS & PUMP SWIFN @ 5:30 - 11:00 LOAM FROM 5-15-4-1W TO 10-12-9-15 MIRU PUMP 20 BBLS DOWN CSG RD PUMPING UNIT UNSEAT PUMP W/ 6000 OVER STRING WT PUMP 40 BBLS DOWN TBG. RESEAT PUMP SOFT SEAT & TEST TO 3000 PSI W/ 19 BBLS, TOOH LD RODS AS FOLLOWS 1 1/2 X 22 POLISH ROD 2-4', 1-6', 1-8' X 3/4 PONY RODS, 90 3/4 GUIDED RODS, 93 3/4 SLICK RODS, 36 3/4 GUIDED RODS 4-1 1/2 WT BARS & PUMP SWIFN @ 5:30 - 11:00 LOAM FROM 5-15-4-1W TO 10-12-9-15 MIRU PUMP 20 BBLS DOWN CSG RD PUMPING UNIT UNSEAT PUMP W/ 6000 OVER STRING WT PUMP 40 BBLS DOWN TBG. RESEAT PUMP SOFT SEAT & TEST TO 3000 PSI W/ 19 BBLS, TOOH LD RODS AS FOLLOWS 1 1/2 X 22 POLISH ROD 2-4', 1-6', 1-8' X 3/4 PONY RODS, 90 3/4 GUIDED RODS, 93 3/4 SLICK RODS, 36 3/4 GUIDED RODS 4-1 1/2 WT BARS & PUMP SWIFN @ 5:30 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$13,771

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**11/5/2013 Day: 2**

**Conversion**

WWS #3 on 11/5/2013 - PUMP 70 BBLS PKR FLUID & FRESH WATER SET AS-1 PKR W/ 15000 TENSION LAND TBG W/ INJ TREE W/ PSN @ 4269.06, PKR CE@ 4276.28, EOT @ 4289.45 NU WELL HEAD PRESS UP CSG TO 1400 GET GOOD TEST @ 12:30 RDMO - 6:00-7:00 CREW TRAVEL & SAFTY MTG 7:00 CHK PRESS ON TBG 2900 PSI PRESS UP TBG TO 3000 PSI GET GOOD TEST @ 9:00 9:00 ND BOPS LAND TBG W/ B-1 ADAPTOR FLANGE PUMP 70 BBLS PKR FLUID & FRESH WATER SET AS-1 PKR W/ 15000 TENSION LAND TBG W/ INJ TREE W/ PSN @ 4269.06, PKR CE@ 4276.28, EOT @ 4289.45 NU WELL HEAD PRESS UP CSG TO 1400 GET GOOD TEST @ 12:30 RDMO - 6:00-7:00 CREW TRAVEL & SAFTY MTG 7:00 CHK PRESS ON TBG 2900 PSI PRESS UP TBG TO 3000 PSI GET GOOD TEST @ 9:00 9:00 ND BOPS LAND TBG W/ B-1 ADAPTOR FLANGE PUMP 70 BBLS PKR FLUID & FRESH WATER SET AS-1 PKR W/ 15000 TENSION LAND TBG W/ INJ TREE W/ PSN @ 4269.06, PKR CE@ 4276.28, EOT @ 4289.45 NU WELL HEAD PRESS UP CSG TO 1400 GET GOOD TEST @ 12:30 RDMO - 6:00-7:00 CREW TRAVEL & SAFTY MTG 7:00 CHK PRESS ON TBG 2900 PSI PRESS UP TBG TO 3000 PSI GET GOOD TEST @ 9:00 9:00 ND BOPS LAND TBG W/ B-1 ADAPTOR FLANGE PUMP 70 BBLS PKR FLUID & FRESH WATER SET AS-1 PKR W/ 15000 TENSION LAND TBG W/ INJ TREE W/ PSN @ 4269.06, PKR CE@ 4276.28, EOT @ 4289.45 NU WELL HEAD PRESS UP CSG TO 1400 GET GOOD TEST @ 12:30 RDMO **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$17,455

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**11/8/2013 Day: 3**

**Conversion**

Rigless on 11/8/2013 - Conduct initial MIT - On 11/06/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013

the casing was pressured up to 1560 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/06/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013 the casing was pressured up to 1560 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/06/2013 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/06/2013 the casing was pressured up to 1560 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$49,667

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**Pertinent Files: Go to File List**



Spud Date: 1/15/2001  
 Put on Production: 3/10/2001  
 GL: 6060' KB: 6070'

## Ashley 10-12-9-15

Initial Production: 50.3 BOPD,  
 44.1 MCFD, 14.1 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (302.56')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 145 sxs Class "G" cmt

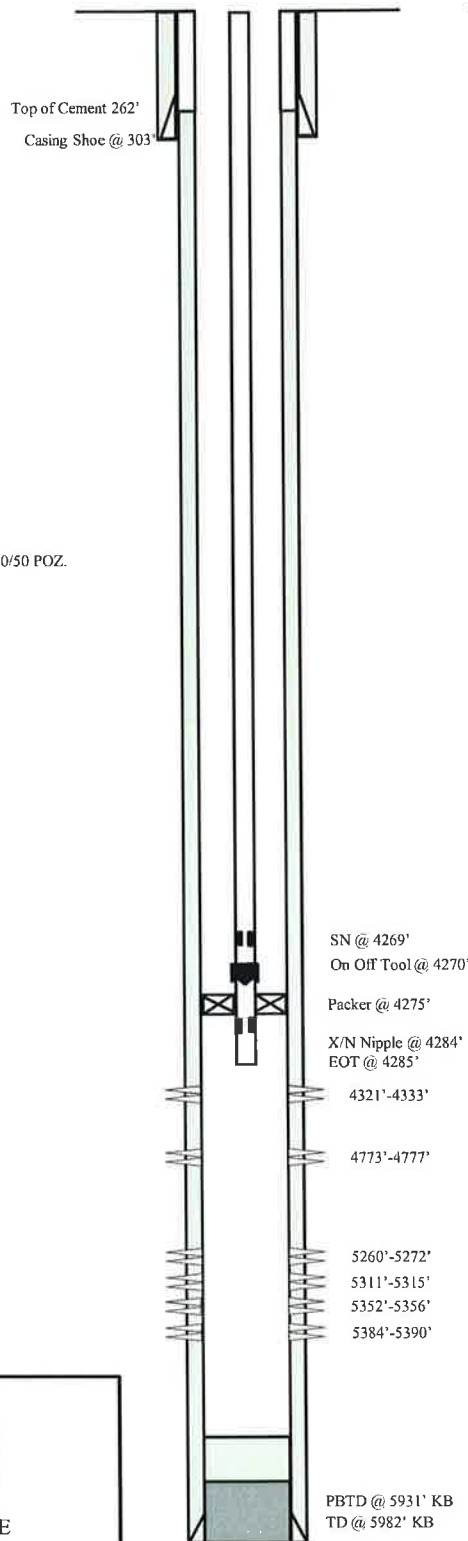
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts. (5956.15')  
 HOLE SIZE: 7-7/8"  
 DEPTH landed: 5967.4'  
 CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
 CEMENT TOP AT: 262'

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 132 jts (4259.1')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4269.1' KB  
 ON/OFF TOOL AT: 4270.2'  
 ARROW #1 PACKER CE AT: 4275.4'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4279.1'  
 TBG PUP 2-3/8 J-55 AT: 4279.6'  
 X/N NIPPLE AT: 4283.8'  
 TOTAL STRING LENGTH: EOT @ 4285.3'

### Injection Wellbore Diagram



### FRAC JOB

3/02/01 5260'-5390' **Frac LDC sands as follows:**  
 Frac with 115,000# 20/40 sand in 841 bbls Viking I-25 fluid. Perfs broke down @ 1834 psi. Treat at 2150 psi @ 30 BPM. ISIP 2400 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.

3/05/01 4773'-4777' **Frac D-2 sands as follows:**  
 Frac with 16,000# 20/40 sand in 213 bbls Viking I-25 fluid. Perfs broke down @ 4500 psi. Treat at 2485 psi @ 24.7 BPM. ISIP 2345 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 1 hr. then died.

3/06/01 4321'-4333' **Frac GB-6 sands as follows:**  
 Frac with 66,970# 20/40 sand in 503 bbls Viking I-25 fluid. Perfs broke down @ 4310 psi. Treat at 2119 psi @ 29.3 BPM. ISIP 2265 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.

09/29/10 **Parted Rods.** Rod & tubing updated.  
 11/6/2010 **Parted rods.** Updated rod and tubing detail.  
 11/04/13 **Convert to Injection Well**  
 11/06/13 **Conversion MIT Finalized** - update tbg detail

### PERFORATION RECORD

4321'-4333'	4 JSPF	20 holes
4773'-4777'	4 JSPF	28 holes
5260'-5272'	4 JSPF	32 holes
5311'-5315'	4 JSPF	56 holes
5352'-5356'	4 JSPF	80 holes
5384'-5390'	4 JSPF	88 holes

**NEWFIELD**

Ashley Federal 10-12-9-15  
 2006' FSL & 1899' FEL  
 NWSE Section 12-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32172; Lease #UTU-74826

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY U 10-12
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. API NUMBER:</b> 43013321720000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2007 FSL 1899 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 12 Township: 09.0S Range: 15.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/7/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 10px;">           The above reference well was put on injection at 1:00 PM on            01/07/2014.         </div> <div style="text-align: right; margin-top: 20px;"> <b>Accepted by the            Utah Division of            Oil, Gas and Mining            FOR RECORD ONLY            January 09, 2014</b> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/9/2014	





GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-379

**Operator:** Newfield Production Company  
**Well:** Ashley Unit 10-12  
**Location:** Section 12, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32172  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 8, 2011.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,082' – 5,931')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers

Associate Director

Date

1/6/2014

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

August 8, 2011

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley U 10-12, Section 12, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32172

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley U 10-12-9-15

**Location:** 12/9S/15E      **API:** 43-013-32172

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 303 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,967 feet. A cement bond log demonstrates adequate bond in this well up to about 3,238 feet. A 2 7/8 inch tubing with a packer will be set at 4,271 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. On the basis of surface locations, there are 8 producing wells and 5 injection wells in the AOR. Two of the producing wells are directionally drilled, with surface locations inside the AOR and bottom hole locations outside the AOR. In addition, there is 1 directionally drilled producing well with a surface location outside the AOR and a bottom hole location inside the AOR. Also, there are 2 approved surface locations inside the AOR, from which directional wells will be drilled to bottom hole locations outside the AOR, and there is 1 surface location outside the AOR from which a well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement.

**Ground Water Protection:** As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 900 feet. Injection shall be limited to the interval between 4,082 feet and 5,931 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-12-9-15 well is 0.96 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,237 psig. The requested maximum pressure is 2,237 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley U 10-12-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 7/18/2011

4770 S. 5600 W.  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED. TAX I.D.# 87-0217663

The Salt Lake Tribune  
WWW.SLTTRIB.COM

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Deseret News  
WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS		ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114		9001402352	7/19/2011
ACCOUNT NAME		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379	
DIV OF OIL-GAS & MINING,		IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESE COUNTY, UTAH, AS CLASS II INJECTION WELLS.	
TELEPHONE	ADORDER# / INVOICE NUMBER	THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.	
8015385340	0000708789 /	Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:	
SCHEDULE		Greater Monument Butte Unit: Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298 Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214 Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295 Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297 Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006 Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007 Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170 Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165 Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172 Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174 Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327 Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178 West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328	
CUST. REF. NO.		The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.	
20110713		Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.	
CAPTION		Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES		Dated this 13th day of July, 2011. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Brad Hill Permitting Manager 708789	
SIZE		UPAXLP	
79 Lines	2.00 COLUMN		
TIMES	RATE		
3			
MISC. CHARGES	AD CHARGES		
TOTAL COST			
202.50			

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTORNEY BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-379 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON Start 07/18/2011 End 07/18/2011

SIGNATURE *Sally Taylor*

7/19/2011

VIRGINIA CRAFT  
Notary Public, State of Utah  
Commission # 581489  
My Commission Expires  
January 12, 2014

*Virginia Craft*

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT

2050/REB/GEVICAOMIN/GE11/6131

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

I, Geoff Liesik on oath, say that I am the EDITOR of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 19 day of July, 20 11, and that the last publication of such notice was in the issue of such newspaper dated the 19 day of July, 20 11, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Geoff Liesik  
Editor

Subscribed and sworn to before me this

20 day of July, 20 11  
Bonnie Parrish  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-379

BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP

9 SOUTH, RANGE 15 EAST, AND SECTION 5,

West Main Street • 101 • www.grandvalley

nd Valley

Contact a bank pr

Online E-stat Debit 1GB T

Electro | Faster • Saf all t

heck

publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
Published in the Uintah  
Basin Standard July 19,  
2011.

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Ashley 8-10-9-15 well located in SE/4 NE/4, Section 10, Township 9 South, Range 15 East API 43-013-32298  
Ashley 2-11-9-15 well located in NW/4 NE/4, Section 11, Township 9 South, Range 15 East API 43-013-32214  
Ashley 4-11-9-15 well located in NW/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32295  
Ashley 6-11-9-15 well located in SE/4 NW/4, Section 11, Township 9 South, Range 15 East API 43-013-32297  
Ashley U 2-12 well located in NW/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32006  
Ashley U 4-12 well located in NW/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32007  
Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32178  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

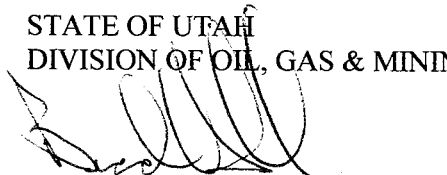
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
Brad Hill  
Permitting Manager



**Newfield Production Company**

**ASHLEY 8-10-9-15, ASHLEY 2-11-9-15, ASHLEY 4-11-9-15, ASHLEY 6-11-9-15, ASHLEY U 2-12,  
ASHLEY U 4-12, ASHLEY U 6-12, ASHLEY U 8-12, ASHLEY U 10-12, ASHLEY U 12-12,  
ASHLEY 14-12-9-15, ASHLEY U 16-12, WEST POINT 14-5-9-16**

**Cause No. UIC-379**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubs@ubstandard.com](mailto:ubs@ubstandard.com)

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

SITLA  
675 East 500 South  
Salt Lake City, UT 84102-2818

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

Ute Tribe  
P.O. Box 190  
Ft. Duchesne, UT 84026

  
Jean Sweet



GARY R. HERBERT  
Governor

GREGORY S. BELL  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

July 14, 2011

Via e-mail: [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



## Order Confirmation for Ad #0000708789-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	<b>Payor Address</b>	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EMail</b>	earlenerussell@utah.gov	Jean	mfultz

**Total Amount** **\$202.50**

**Payment Amt** **\$0.00**

<b>Amount Due</b>	<b>\$202.50</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
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**Payment Method** **PO Number** 20110713

### Confirmation Notes:

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<b>Product</b>	<b>Placement</b>	<b>Position</b>
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<b>Scheduled Date(s):</b>	07/18/2011	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
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<b>Scheduled Date(s):</b>	07/18/2011	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
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### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-379

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 10, 11, AND 12, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTION 5, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Ashley U 6-12 well located in SE/4 NW/4, Section 12, Township 9 South, Range 15 East API 43-013-32170  
Ashley U 8-12 well located in SE/4 NE/4, Section 12, Township 9 South, Range 15 East API 43-013-32165  
Ashley U 10-12 well located in NW/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32172  
Ashley U 12-12 well located in NW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32174  
Ashley 14-12-9-15 well located in SW/4 SW/4, Section 12, Township 9 South, Range 15 East API 43-013-32327  
Ashley U 16-12 well located in SE/4 SE/4, Section 12, Township 9 South, Range 15 East API 43-013-32175  
West Point 14-5-9-16 well located in SE/4 SW/4, Section 5, Township 9 South, Range 16 East API 43-013-32328

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 13th day of July, 2011.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

/s/  
Brad Hill  
Permitting Manager  
708789

UXAPLP



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

July 14, 2011

Via e-mail: [legals@ubstandard.com](mailto:legals@ubstandard.com)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

**Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379**

---

**From:** Cindy Kleinfelter <classifieds@ubstandard.com>  
**To:** Jean Sweet <jsweet@utah.gov>  
**Date:** 7/14/2011 11:43 AM  
**Subject:** Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-379

---

On 7/14/2011 11:22 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple, Suite 1210  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

This will be published July 19, 2011.  
Thank you.  
Cindy



June 28, 2011

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley #10-12-9-15  
Monument Butte Field, Lease #UTU-74826  
Section 12-Township 9S-Range 15E  
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley #10-12-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Eric Sundberg  
Regulatory Lead

**RECEIVED**  
**JUL 05 2011**  
DIV. OF OIL, GAS & MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**

**ASHLEY #10-12-9-15**

**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**

**LEASE #UTU-74826**

**JUNE 28, 2011**

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ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: Ashley #10-12-9-15  
Field or Unit name: Monument Butte (Green River) Lease No. UTU-74826  
Well Location: QQ NWSE section 12 township 9S range 15E county Duchesne


Is this application for expansion of an existing project? . . . . . Yes [ X ] No [ ]  
Will the proposed well be used for:                      Enhanced Recovery? . . . . . Yes [ X ] No [ ]  
   Disposal? . . . . . Yes [ ] No [ X ]  
   Storage? . . . . . Yes [ ] No [ X ]  
Is this application for a new well to be drilled? . . . . . Yes [ ] No [ X ]  
If this application is for an existing well,  
has a casing test been performed on the well? . . . . . Yes [ ] No [ X ]  
Date of test: \_\_\_\_\_  
API number: 43-013-32172

Proposed injection interval:              from              4082              to              5931  
Proposed maximum injection:              rate              500 bpd              pressure              2237              psig  
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2  
mile of the well.

IMPORTANT:              Additional information as required by R615-5-2 should  
   accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Eric Sundberg    Signature   
Title Regulatory Lead    Date 6/26/11  
Phone No. (303) 893-0102

(State use only)  
Application approved by \_\_\_\_\_ Title \_\_\_\_\_  
Approval Date \_\_\_\_\_

Comments:

# Ashley #10-12-9-15

Spud Date: 1/15/2001  
Put on Production: 3/10/2001  
GL: 6060' KB: 6070'

Initial Production: 50.3 BOPD,  
44.1 MCFD, 14.1 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.56')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5956.15')  
HOLE SIZE: 7-7/8"  
DEPTH landed: 5967.4'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 262'

## TUBING

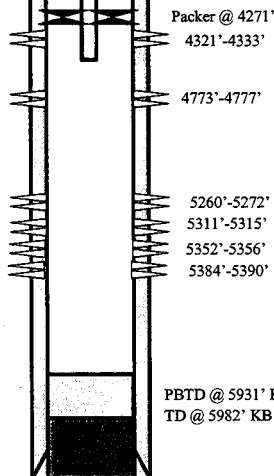
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 162 jts (5207.1')  
TUBING ANCHOR: 5217.1'  
NO. OF JOINTS: 4 jts (125.2')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5345.1' KB  
NO. OF JOINTS: 2 jts (64.8')  
TOTAL STRING LENGTH: EOT @ 5411'

## Proposed Injection Wellbore Diagram

Top of Cement 262'  
Casing Shoe @ 303'

## FRAC JOB

3/02/01	5260'-5390'	<b>Frac LDC sands as follows:</b> Frac with 115,000# 20/40 sand in 841 bbls Viking I-25 fluid. Perfs broke down @ 1834 psi. Treat at 2150 psi @ 30 BPM. ISIP 2400 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
3/05/01	4773'-4777'	<b>Frac D-2 sands as follows:</b> Frac with 16,000# 20/40 sand in 213 bbls Viking I-25 fluid. Perfs broke down @ 4500 psi. Treat at 2485 psi @ 24.7 BPM. ISIP 2345 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 1 hr. then died.
3/06/01	4321'-4333'	<b>Frac GB-6 sands as follows:</b> Frac with 66,970# 20/40 sand in 503 bbls Viking I-25 fluid. Perfs broke down @ 4310 psi. Treat at 2119 psi @ 29.3 BPM. ISIP 2265 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
09/29/10		Parted Rods. Rod & tubing updated.
11/6/2010		Parted rods. Updated rod and tubing detail.



## PERFORATION RECORD

4321'-4333'	4 JSPF	20 holes
4773'-4777'	4 JSPF	28 holes
5260'-5272'	4 JSPF	32 holes
5311'-5315'	4 JSPF	56 holes
5352'-5356'	4 JSPF	80 holes
5384'-5390'	4 JSPF	88 holes



Ashley Federal #10-12-9-15  
2006' FSL & 1899' FEL  
NWSE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32172; Lease #UTU-74826

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**
  - 2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202
  - 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.
  - 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley #10-12-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.
  - 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.
  - 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley #10-12-9-15 well, the proposed injection zone is from Garden Gulch to Castle Peak (4082' - 5931'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3746' and the TD is at 5982'.
  - 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley #10-12-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74826) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 303' KB, and 5-1/2", 15.5# casing run from surface to 5967' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2237 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley #10-12-9-15, for existing perforations (4321' - 5390') calculates at 0.96 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2237 psig. We may add additional perforations between 3749' and 5982'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley #10-12-9-15, the proposed injection zone (4082' - 5931') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-14.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

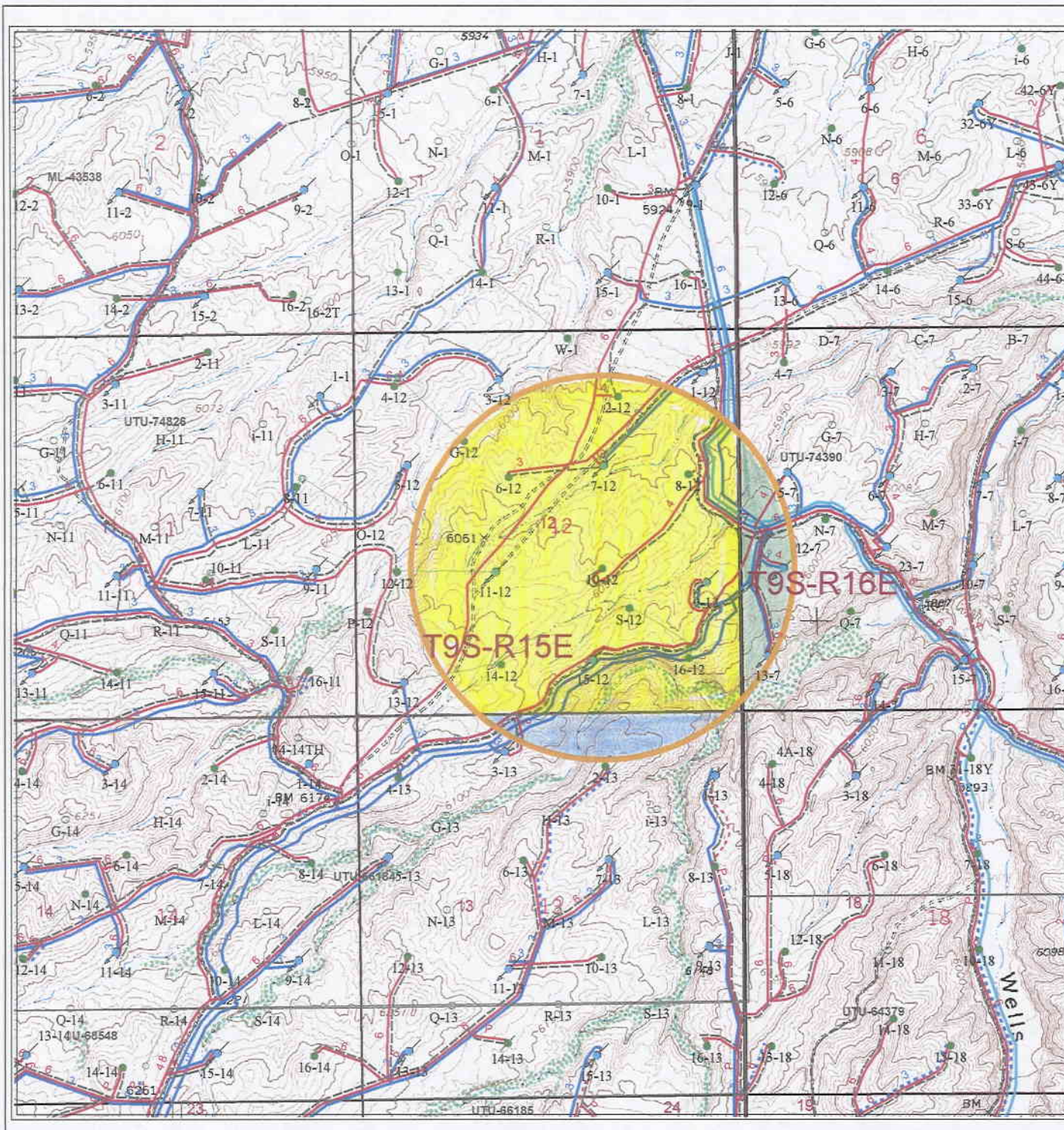
- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.





- Well Status**
- Location
  - ⊕ CTI
  - ⊙ Surface Spud
  - ⊙ Drilling
  - ⊙ Waiting on Completion
  - Producing Oil Well
  - ⊙ Producing Gas Well
  - ⊙ Water Injection Well
  - ⊙ Dry Hole
  - ⊙ Temporarily Abandoned
  - ⊙ Plugged & Abandoned
  - ⊙ Shut In
  - Countyline
  - 10\_12\_9\_15\_Buffer
- Injection system**
- high pressure
  - low pressure
  - ⋯ proposed
  - return
  - ⋯ return proposed
- Leases**
- Leases
  - Mining tracts
- Gas Pipelines**
- Gathering lines
  - Proposed lines

UTU-74826  
UTU-66184  
UTU-74390

Ashley 10-12  
Section 12, T9S-R15E



1/2 Mile Radius Map  
Duchesne & Uintah Counties

1001 17th Street Suite 2000  
Denver, Colorado 80202  
Phone: (303) 893-0102

January 17, 2011



*T9S, R15E, S.L.B.&M.*

*INLAND PRODUCTION COMPANY*

WELL LOCATION, ASHLEY UNIT #10-12-9-15,  
LOCATED AS SHOWN IN THE NW 1/4 SE 1/4  
OF SECTION 12, T9S, R15E, S.L.B.&M.  
DUCESNE COUNTY, UTAH.

SECRET

JUL 03 2000

## DIVISION OF OIL, GAS AND MINING

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OR ANNUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION No. 144402  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000'

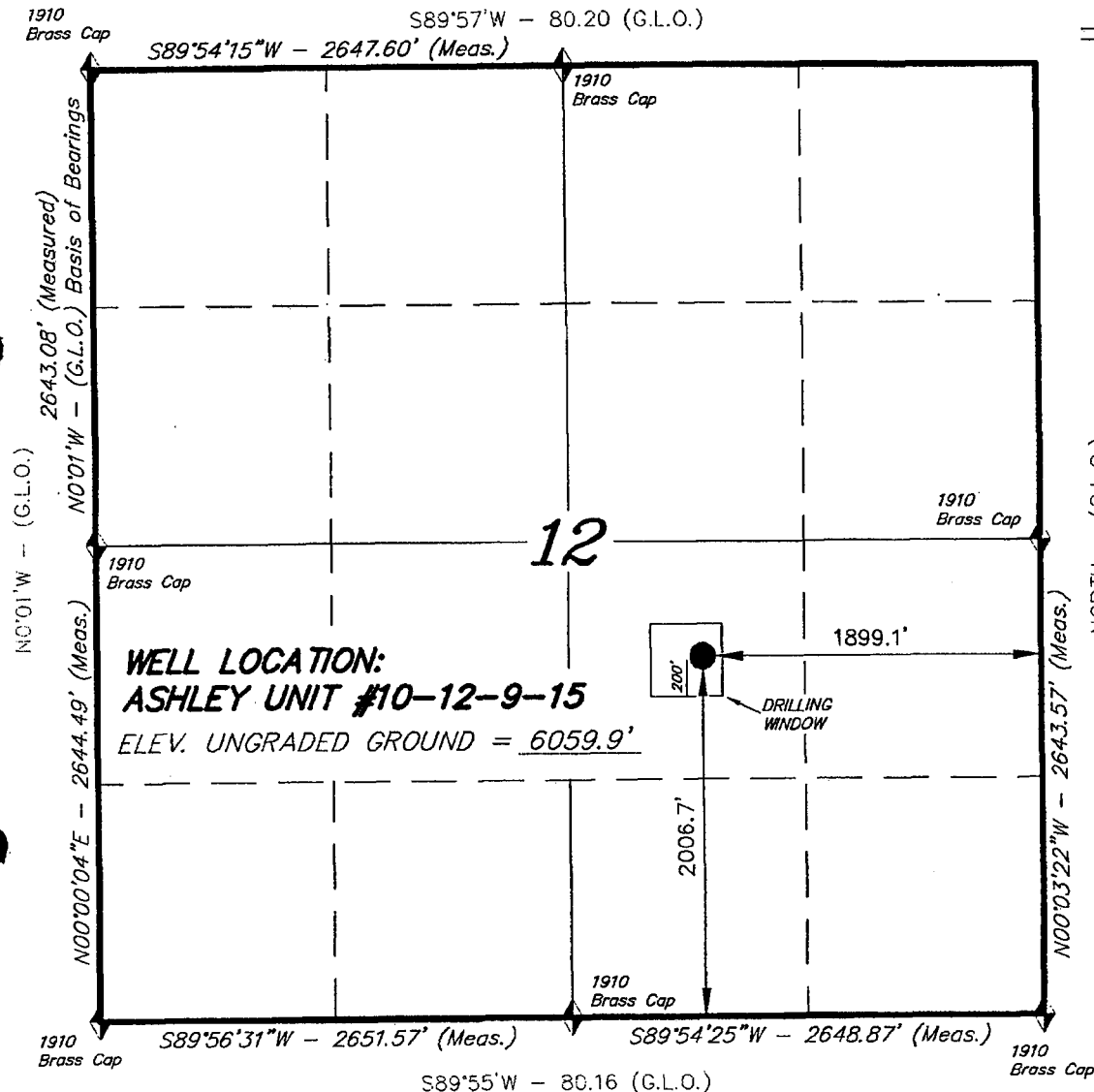
SURVEYED BY: G.S. D.S.

DATE: 6-7-00

WEATHER: FAIR

NOTES:

FILE #



 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078

(435) 781-2501

SCALE: 1" = 1000'

SURVEYED BY: G.S. D.S.

DATE: 6-7-00

WEATHER: FAIR

NOTES:

FILE #

## EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	<u>T9S,R15E SLM</u> Section 1: All Section 3: All Section 10: All Section 11: All Section 12: All	USA UTU-74826 HBP	Newfield Production Company Newfield RMI LLC	USA
2	<u>T9S,R15E SLM</u> Section 13: N2, N2S2 Section 14: N2, N2S2 Section 15: Lots 1-3 (E2NW, NESW), E2	USA UTU-66184 HBP	Newfield Production Company Newfield RMI LLC	USA
3	<u>T9S,R16E SLM</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: Lots 1-2 (W2NW), E2NW, NE	USA UTU-74390 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation MYCO Industries, Inc.	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
Ashley #10-12-9-15

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*[Signature]*  
Newfield Production Company  
Eric Sundberg  
Regulatory Lead

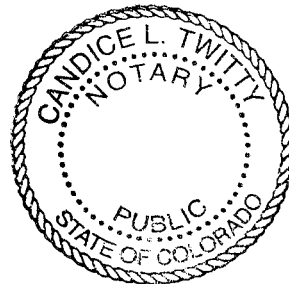
Sworn to and subscribed before me this 26<sup>th</sup> day of June, 2011.

Notary Public in and for the State of Colorado: \_\_\_\_\_

*[Signature]*

My Commission Expires  
02/10/2013

My Commission Expires: \_\_\_\_\_



## Ashley #10-12-9-15

Spud Date: 1/15/2001  
Put on Production: 3/10/2001  
GL: 6060' KB: 6070'

Initial Production: 50.3 BOPD,  
44.1 MCFD, 14.1 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.56')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5956.15')  
HOLE SIZE: 7-7/8"  
DEPTH landed: 5967.4'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 262'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 162 jts (5207.1')  
TUBING ANCHOR: 5217.1'  
NO. OF JOINTS: 4 jts (125.2')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5345.1' KB  
NO. OF JOINTS: 2 jts (64.8')  
TOTAL STRING LENGTH: EOT @ 5411'

#### SUCKER RODS

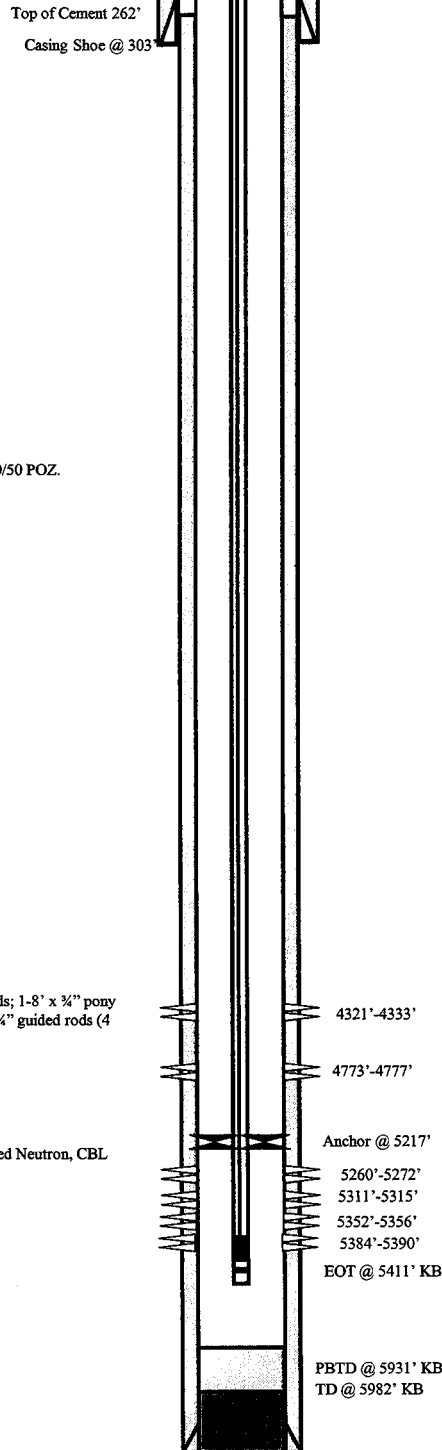
POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2-8' x 3/4" pony rods; 1-6' x 3/4" pony rods; 1-8' x 3/4" pony rods; 91- 3/4" guided rods (4 per); 82- 3/4" sucker rods; 36- 3/4" guided rods (4 per); 4- 1 1/2" weight bars.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4  
LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL

#### FRAC JOB

3/02/01	5260'-5390'	<b>Frac LDC sands as follows:</b> Frac with 115,000# 20/40 sand in 841 bbls Viking I-25 fluid. Perfs broke down @ 1834 psi. Treat at 2150 psi @ 30 BPM. ISIP 2400 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
3/05/01	4773'-4777'	<b>Frac D-2 sands as follows:</b> Frac with 16,000# 20/40 sand in 213 bbls Viking I-25 fluid. Perfs broke down @ 4500 psi. Treat at 2485 psi @ 24.7 BPM. ISIP 2345 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 1 hr. then died.
3/06/01	4321'-4333'	<b>Frac GB-6 sands as follows:</b> Frac with 66,970# 20/40 sand in 503 bbls Viking I-25 fluid. Perfs broke down @ 4310 psi. Treat at 2119 psi @ 29.3 BPM. ISIP 2265 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
09/29/10		Parted Rods. Rod & tubing updated.
11/6/2010		Parted rods. Updated rod and tubing detail.

#### PERFORATION RECORD

4321'-4333'	4 JSPF	20 holes
4773'-4777'	4 JSPF	28 holes
5260'-5272'	4 JSPF	32 holes
5311'-5315'	4 JSPF	56 holes
5352'-5356'	4 JSPF	80 holes
5384'-5390'	4 JSPF	88 holes



Ashley Federal #10-12-9-15  
2006' FSL & 1899' FEL  
NWSE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32172; Lease #UTU-74826

## Ashley #8-12-9-15

Spud Date: 1/09/2001  
Put on Production: 3/10/2001  
GL 6005' KB: 6015'

Initial Production: 66.2 BOPD,  
62.2 MCFD, 30 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (312.56')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 154 jts (6073.43')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 5995'  
CEMENT DATA: 275 sk Prem Lite II mixed & 475 sxs 50/50 POZ  
CEMENT TOP AT: 241'

TUBING

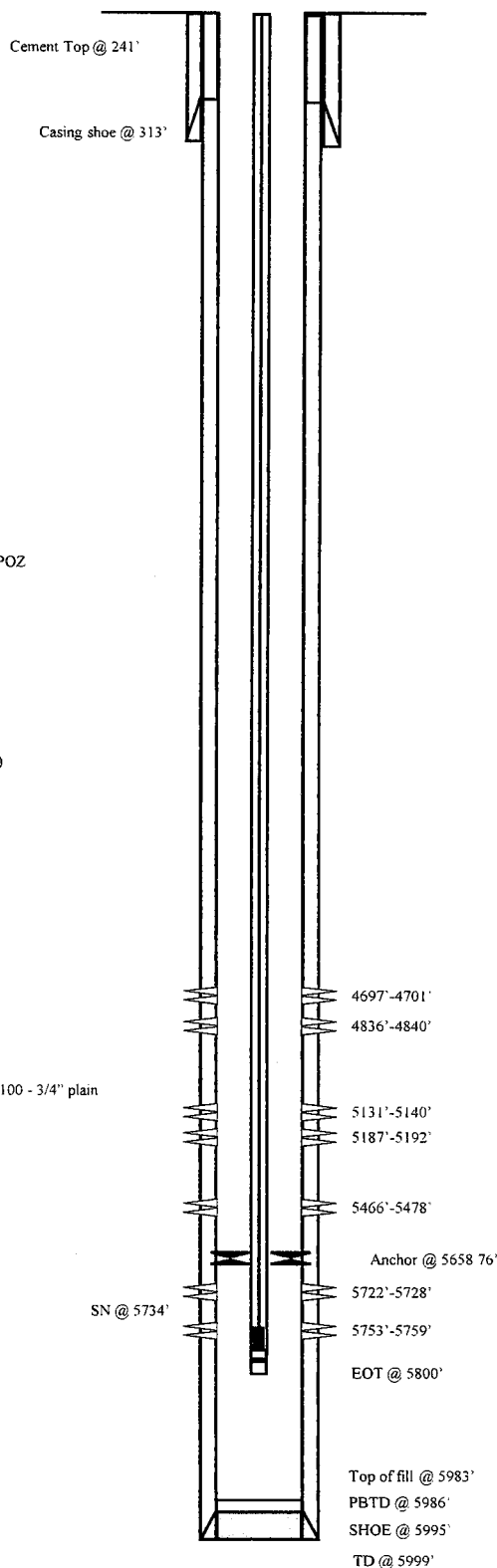
SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 151 jts (4871.06') 14 jts from yard (440.03')  
NO. OF JOINTS: 7 jts (225.76') 4 jts from yard (125.79')  
TUBING ANCHOR: 5668.76'  
NO. OF JOINTS: 2 jts from yard (62.78')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5734.34'  
NO. OF JOINTS: 2 jts (64.37')  
TOTAL STRING LENGTH: EOT @ 5800.26'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 6-1 1/2" weight rods, 35-3/4" scraped rods, 100 - 3/4" plain rods, 90-3/4" scraped rods  
PUMP SIZE: 2 1/2" x 1 1/4" x 14" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 45

**NEWFIELD**

**Ashley Federal #8-12-9-15**  
1987' FNL & 706' FEL  
SENE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32165; Lease #UTU-74826

FRAC JOB

3/01/01	5722'-5759'	<b>Frac CP-1 sands as follows:</b> Frac with 43,400# 20/40 sand in 434 bbls Viking I-25 fluid Treat at 1900 psi @ 30 BPM ISIP 2050 psi Calc flush 5722 gal Actual flush 5670 gal
3/02/01	5466'-5478'	<b>Frac LDC sands as follows:</b> Frac with 53,000# 20/40 sand in 468 bbls Viking I-25 fluid Treat at 1700 psi @ 23.9 BPM ISIP 1950 psi Calc flush 5466 gal Actual flush 5376 gal
3/02/01	5131'-5192'	<b>Frac A1 sands as follows:</b> Frac with 77,500# 20/40 sand in 592 bbls Viking I-25 fluid Treat at 2475 psi @ 29.8 BPM ISIP 2450 psi Calc flush 5131 gal Actual flush 5040 gal
3/05/01	4697'-4840'	<b>Frac D-2 sands as follows:</b> Frac with 40,000# 20/40 sand in 388 bbls Viking I-25 fluid Treat at 2200 psi @ 29.7 BPM ISIP 2150 psi Calc flush 4697 gal Actual flush 4620 gal
7/28/03		Tubing leak Update rod and tubing details
5/20/09		Parted rods Updated r & t details

PERFORATION RECORD

4697'-4701'	4 JSPF	16 holes
4836'-4840'	4 JSPF	16 holes
5131'-5140'	4 JSPF	36 holes
5187'-5192'	4 JSPF	20 holes
5466'-5478'	4 JSPF	48 holes
5722'-5728'	4 JSPF	24 holes
5753'-5759'	4 JSPF	24 holes

## Ashley 11-12-9-15

Spud Date: 8/12/03

Put on Production: 9/19/03

GL: 6019' KB: 6031'

Initial Production: 51 BOPD,  
49 MCFD, 15 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (304.3')

DEPTH LANDED: 314.3' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 150 sxs Class "G" cmt, est 2 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 148 jts. (6291.55')

DEPTH LANDED: 6287.55' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 310 sxs Prem. Lite II mixed &amp; 400 sxs 50/50 POZ mix.

CEMENT TOP AT: 230'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 153 jts (4770.35')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4782.35' KB

TOTAL STRING LENGTH: EOT @ 4790.85' W/12' KB

Injection Wellbore  
Diagram

Cement Top @ 230'

Packer @ 4787'

EOT @ 4791'

4844'-4849'

4856'-4863'

4980'-4988'

5326'-5334'

5336'-5342'

5380'-5429'

5454'-5469'

5477'-5482'

5488'-5504'

5795'-5802'

Top of Fill @ 6144'

PBSD @ 6232' W.L.

SHOE/TD @ 6288' TVD @ 6100'

FRAC JOB

9/12/03 5795'-5802'

**Frac CP.5 sands as follows:**

19,915# 20/40 sand in 268 bbls Viking I-25 fluid. Treated @ avg press of 2450 psi w/avg rate of 24.6 BPM. ISIP 2233 psi. Calc flush: 5793 gal. Actual flush: 5712 gal.

9/12/03 5380'-5504'

**Frac LODC sands as follows:**

248,932# 20/40 sand in 1628 bbls Viking I-25 fluid. Treated @ avg press of 2065psi w/avg rate of 24.5 BPM. ISIP 2340 psi. Calc flush: 5378 gal. Actual flush: 5334 gal.

9/12/03 4844'-4988'

**Frac D1 and C sands as follows:**

52,058# 20/40 sand in 426 bbls Viking I-25 fluid. Treated @ avg press of 2340 psi w/avg rate of 24.5 BPM. ISIP 2475 psi. Calc flush: 4842 gal. Actual flush: 4746 gal.

9/16/03 5326'-5342'

**Frac A3 sands as follows:**

39,729# 20/40 sand in 340 bbls Viking I-25 fluid. Treated @ avg press of 4165 psi w/avg rate of 17.6 BPM. ISIP 2200 psi. Calc flush: 1389 gal. Actual flush: 1260 gal.

8/17/06

**Well converted to an Injection well.**

9/14/06

**MIT completed and submitted.**PERFORATION RECORD

9/11/03	5795'-5802'	4 JSPF	28 holes
9/12/03	5488'-5504'	2 JSPF	32 holes
9/12/03	5477'-5482'	2 JSPF	10 holes
9/12/03	5454'-5469'	2 JSPF	30 holes
9/12/03	5380'-5429'	2 JSPF	98 holes
9/12/03	5336'-5342'	2 JSPF	12 holes
9/12/03	5326'-5334'	2 JSPF	16 holes
9/12/03	4980'-4988'	4 JSPF	32 holes
9/12/03	4856'-4863'	4 JSPF	28 holes
9/12/03	4844'-4849'	4 JSPF	20 holes

NEWFIELD

Ashley 11-12-9-15

547' FWL &amp; 2016' FSL

NWSW Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32326; Lease #UTU-74826

## Ashley #9-12-9-15

Spud Date: 1/23/2001  
Put on Production: 3/22/2001  
GL: 6042' KB: 6052'

Initial Production: 123.3 BOPD,  
67.4 MCFD, 34.6 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (300.93')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

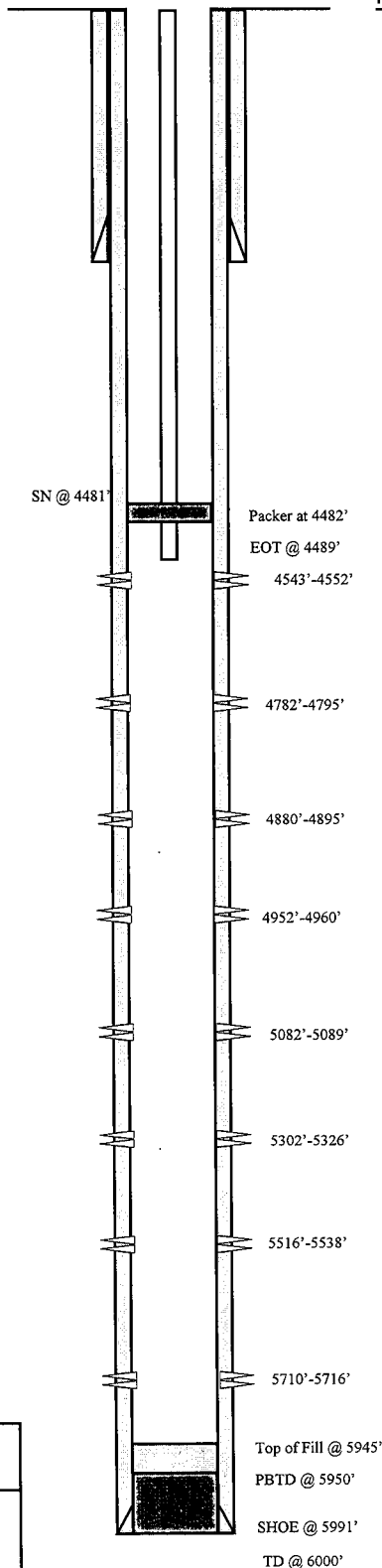
### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. - landed at 5990.66'  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6000'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: ? per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 139 jts (4470.63')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4480.63' KB  
PACKER: 4481.73'  
TOTAL STRING LENGTH: EOT @ 4489.04'

### Injection Wellbore Diagram



### FRAC JOB

3/12/01	5710'-5716'	<b>Frac CP-1 sands as follows:</b> Frac with 27,000# 20/40 sand in 293 bbls Viking I-25 fluid. Perfs broke down @ 4200 psi. Treat at 1840 psi @ 29 BPM. ISIP 2045 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 1.5 hrs. then died.
3/13/01	5516'-5538'	<b>Frac LDC sands as follows:</b> Set plug at 5625'. Frac with 106,000# 20/40 sand in 751 bbls Viking I-25 fluid. Perfs broke down @ 3500 psi. Treat at 2250 psi @ 30.5 BPM. ISIP 2545 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hr. then died.
3/14/01	5302'-5326'	<b>Frac A-3 sands as follows:</b> Set plug at 5420'. Frac with 105,500# 20/40 sand in 724 bbls Viking I-25 fluid. Perfs broke down @ 2229 psi. Treat at 2250 psi @ 30 BPM. ISIP 2270 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
3/15/01	5082'-5089'	<b>Frac B-2 sands as follows:</b> Set plug at 5420'. Frac with 36,400# 20/40 sand in 319 bbls Viking I-25 fluid. Perfs broke down @ 4100 psi. Treat at 2250 psi @ 30 BPM. ISIP 2100 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2.5 hrs. then died.
3/16/01	4952'-4960' 4880'-4895'	<b>Frac C/D-3 sands as follows:</b> Set plug at 4993'. Frac with 104,000# 20/40 sand in 715 bbls Viking I-25 fluid. Perfs broke down @ 1002 psi. Treat at 17205 psi @ 31 BPM. ISIP 2420 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2 hrs. then died.
3/19/01	4782'-4795'	<b>Frac D-1 sands as follows:</b> Set plug at 4826'. Frac with 64,040# 20/40 sand in 297 bbls Viking I-25 fluid. Perfs broke down @ 4068 psi. Treat at 2360 psi @ 30 BPM. ISIP 2595 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 2 hrs. then died.
12/19/02		Converted to Injector
01/04/07		Workover.

### PERFORATION RECORD

4782'-4795'	4 JSPF	20 holes
4880'-4895'	4 JSPF	28 holes
4952'-4960'	4 JSPF	32 holes
5082'-5089'	4 JSPF	56 holes
5302'-5326'	4 JSPF	80 holes
5516'-5538'	4JSPF	88 holes
5710'-5716'	4JSPF	88 holes
12/17/02 4543'-4552'	4JSPF	36 holes

**NEWFIELD**

Ashley Federal #9-12-9-15  
1790' FSL & 470' FEL  
NESE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32171; Lease #UTU-74826

## Ashley Unit #2-12-9-15

Spud Date: 10/6/98

Put on Production: 11/10/98  
GL: 6000' KB: 6010'Initial Production: 160 BOPD;  
235 MCFD; 5 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts.(315')  
DEPTH LANDED: 325'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 140 sxs Class "G" cmt, est 7 bbls to surf.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5970')  
SET AT: 5980'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 270 sxs Premium modified mixed & 310 sxs class "G"  
CEMENT TOP AT: 873' per cement bond log(Schlumberger)

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 182 jts (5676.92')  
TUBING ANCHOR: 5686.92' KB  
NO. OF JOINTS: 2 jts (64.60')  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 5754.32' KB  
NO. OF JOINTS: 1 jt (31.41')  
TOTAL STRING LENGTH: 5787.28' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 6-1 1/2" wt rods, 42-3/4"x25 scraped rods, 89-3/4"x25 plain rods, 94-3/4" scraper rods, 3/4x2, 6, 8 pony rods.  
PUMP SIZE: 2 1/2x 1-1/2"x 17" RHAC Pump  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 4.5 SPM

## FRAC JOB

10/28/98 5721'-5779' rate  
Frac CP-1 & CP-2 sands as follows:  
121,860# 20/40 sand in 598 bbls Viking I-25 fluid. Perfs broke back @ 2561 psi. Treated @ avg press of 1400 psi w/avg of 32 BPM. ISIP: 2000 psi.

10/30/98 5392'-5534' rate  
Frac LODC sand as follows:  
122,540# 20/40 sand in 594 bbls Viking I-25 fluid. Perfs broke back @ 4014 psi. Treated @ avg press of 1785 psi w/avg of 36 BPM. ISIP: 1700 psi.

11/2/98 5224'-5338' rate  
Frac A-3 & LODC sands as follows:  
122,440# 20/40 sand in 597 bbls Viking I-25 fluid. Perfs broke back @ 3511 psi. Treated @ avg press of 1500 psi w/avg of 36.5 BPM. ISIP: 1800 psi.

11/5/98 4936'-4996' rate  
Frac C & B-0.5 sands as follows:  
121,200# 20/40 sand in 570 bbls Viking I-25 fluid. Perfs broke back @ 2235 psi @ 12 BPM. Treated @ avg press of 2000 psi w/avg rate of 28 BPM. ISIP: 2150 psi.

4/18/02  
Pump change. Update rod and tubing details.

9/19/04  
Stuck Pump. Update rod and tubing details.

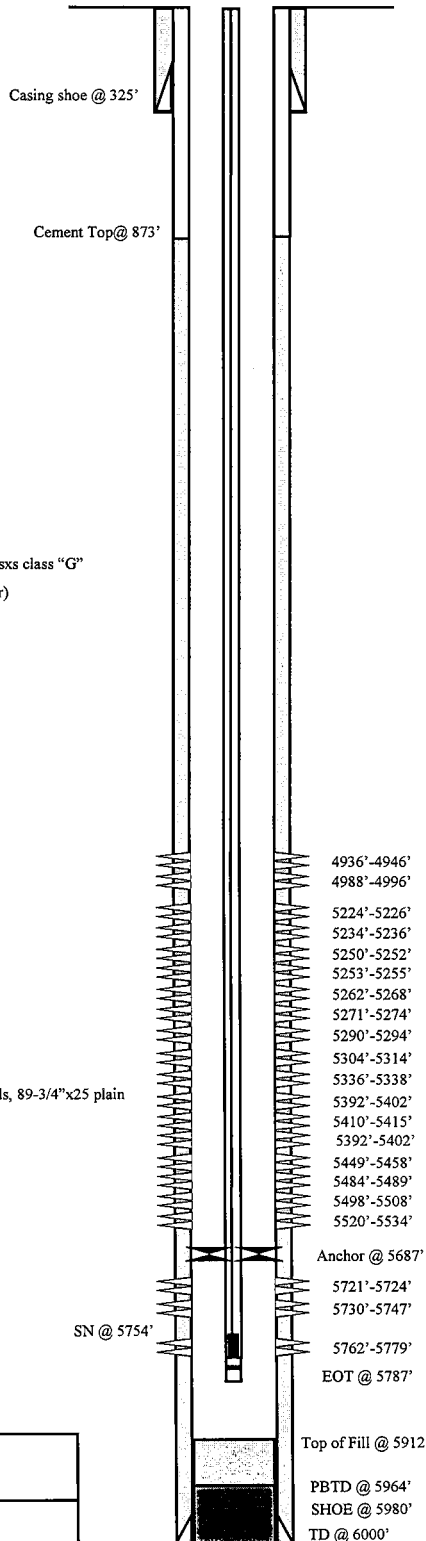
03/22/06  
Stuck Pump. Update rod and tubing details.

01/16/07  
Stuck Pump. Update rod and tubing.

5/15/09  
Tubing leak. Updated r & t details.

## PERFORATION RECORD

10/27/98	5721'-5724'	4 JSPF	12 holes
10/27/98	5730'-5747'	4 JSPF	68 holes
10/27/98	5762'-5779'	4 JSPF	68 holes
10/29/98	5392'-5402'	2 JSPF	20 holes
10/29/98	5410'-5415'	2 JSPF	10 holes
10/29/98	5449'-5458'	2 JSPF	18 holes
10/29/98	5484'-5489'	2 JSPF	10 holes
10/29/98	5498'-5508'	2 JSPF	20 holes
10/29/98	5520'-5534'	2 JSPF	28 holes
10/31/98	5224'-5226'	2 JSPF	4 holes
10/31/98	5234'-5236'	2 JSPF	4 holes
10/31/98	5250'-5252'	2 JSPF	4 holes
10/31/98	5253'-5255'	2 JSPF	6 holes
10/31/98	5262'-5268'	2 JSPF	8 holes
10/31/98	5271'-5274'	2 JSPF	6 holes
10/31/98	5290'-5294'	2 JSPF	8 holes
10/31/98	5304'-5314'	2 JSPF	20 holes
10/31/98	5336'-5338'	2 JSPF	4 holes
11/3/98	4936'-4946'	4 JSPF	40 holes
11/3/98	4988'-4996'	4 JSPF	32 holes



NEWFIELD

Ashley Unit #2-12-9-15  
1661 FEL & 907 FNL  
NWNE Section 2-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32006; Lease #U-74826



## Ashley Unit G-12-9-15

Spud Date: 7-7-10  
Put on Production: 8-16  
GL: 6034' KB: 6046'

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (338.17'  
DEPTH LANDED: 351.02'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 180 sxs Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 146 jts (6350.17')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6364.78'  
CEMENT DATA: 280 sxs Prem. Lite II mixed & 400 sxs 50-50 POZ.  
CEMENT TOP AT: 30'

TUBING

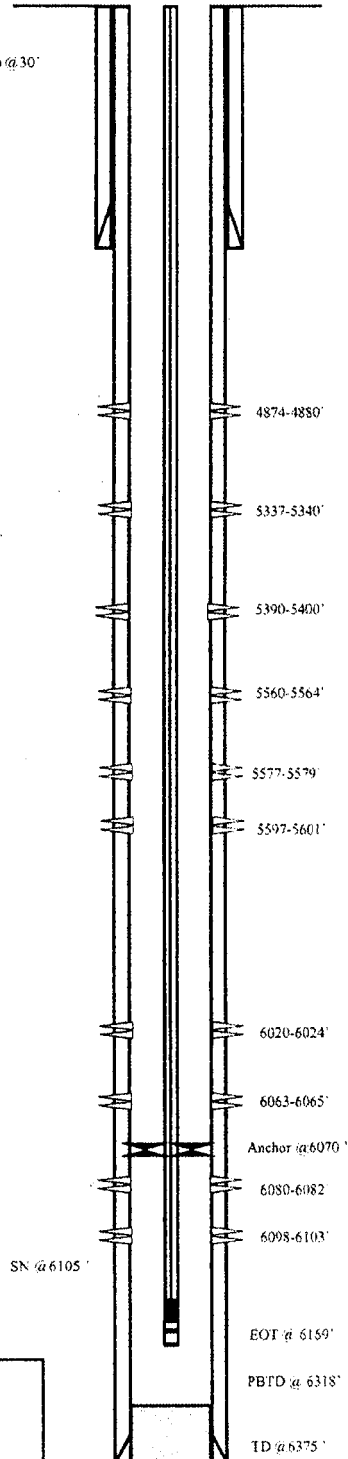
SIZE/GRADE/WT: 2-7/8" J-55 6.5#  
NO. OF JOINTS: 193 jts (6057.5')  
TUBING ANCHOR: 6070.5'  
NO. OF JOINTS: 1 jts (31.5')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 6104.7' KB  
NO. OF JOINTS: 2 jts (62.9')  
TOTAL STRING LENGTH: EOT @ 6169'

SUCKER RODS

POLISHED ROD: 1-1/2" x 30'  
SUCKER RODS: 1 2x 7/8 pony rods, 1-4' x 7/8" pony rods, 1-6' x 7/8" pony rods, 230-8-7/8" guided rods, 4-1 1/2" weight bars  
PUMP SIZE: 2 1/4 x 1 3/4 x 24" RHAC  
STROKE LENGTH: 122  
PUMP SPEED: SPM 5

FRAC JOB

8-11-10 6020-6103' Frac CP3 & CP4 sands as follows:  
Frac with 29408# 20/40 sand in 252 bbls  
Lightning 17 fluid.  
8-11-10 5597-5601' Frac LODC sands as follows:  
Frac with 62367# 20/40 sand in 391 bbls  
Lightning 17 fluid.  
8-11-10 5337-5400' Frac A3 & A1 sands as follows: Frac  
with 34917# 20/40 sand in 239 bbls  
Lightning 17 fluid.  
8-11-10 4874-4880' Frac D1 sands as follows: Frac with  
17954# 20/40 sand in 163 bbls Lightning  
17 fluid.

PERFORATION RECORD

Depth Range	JSPP	Holes
6098-6103'	3 JSPP	15 holes
6080-6082'	3 JSPP	6 holes
6063-6065'	3 JSPP	6 holes
6020-6024'	3 JSPP	12 holes
5597-5601'	3 JSPP	12 holes
5577-5579'	3 JSPP	6 holes
5560-5564'	3 JSPP	12 holes
5390-5400'	3 JSPP	30 holes
5337-5340'	3 JSPP	9 holes
4874-4880'	3 JSPP	18 holes

**NEWFIELD**

Ashley Unit G-12-9-15  
SL: 602 FNL & 600 FWL (NW/NW)  
Section 12, T9S, R15  
Duchesne Co. Utah  
API # 43-013-33777; Lease # UTU-74826

## Ashley Federal 2-13-9-15

Spud Date: 02/15/05  
 Put on Production: 03/24/05  
 GL: 6106' KB: 6118'

Initial Production: BOPD,  
 MCFD, BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8 5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (304.56')

DEPTH LANDED: 314.56' KB

HOLE SIZE: 12 1/4"

CEMENT DATA: 160 sks Class G Mix. est 3 bbls cement to pit.

PRODUCTION CASING

CSG SIZE: 5 1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 142 jts. (6110.67')

DEPTH LANDED: 6108.67' KB

HOLE SIZE: 7 7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.

CEMENT TOP AT: 465'

TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55

NO. OF JOINTS: 188 jts (5858.18')

TUBING ANCHOR: 5870.18' KB

NO. OF JOINTS: 1 jts (31.40')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 5904.38' KB

NO. OF JOINTS: 2 jts (62.38')

TOTAL STRING LENGTH: 5968.31' w/ 12' KB

SUCKER RODS

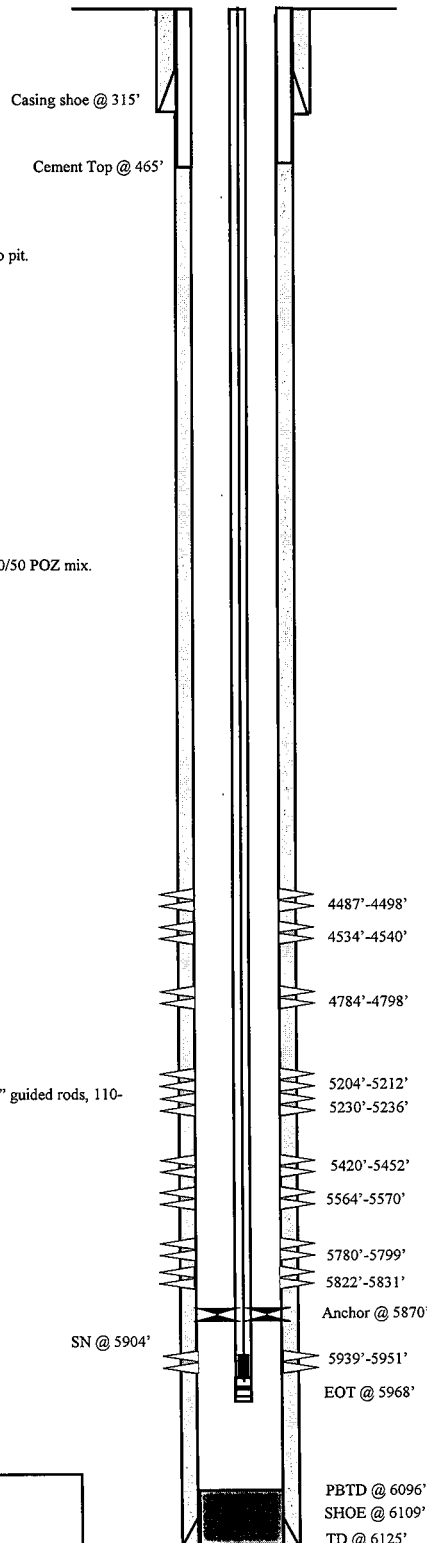
POLISHED ROD: 1 1/2" x 22'

SUCKER RODS: 1-8", 1-6" & 1-2" x 3/4" pony rods, 99-3/4" guided rods, 110-3/4" slick rods, 20-3/4" guided rods, 6-1 1/2" weighted rods.

PUMP SIZE: 2 1/2" x 1 1/2" x 10 x 14" RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5 SPM

FRAC JOB

03/21/05 5939'-5951'

Frac CP5 sands as follows:

35,014#s of 20/40 sand in 367 bbls lightning 17 frac fluid. Treated @ avg press of 1729, w/avg rate of 24.8 bpm. ISIP 1950 psi. Calc flush: 5937 gal. Actual flush: 5964 gal.

03/21/05 5780'-5831'

Frac CP3 and CP2 sands as follows:

90,444#s of 20/40 sand in 676 bbls lightning 17 frac fluid. Treated @ avg press of 1556, w/avg rate of 24.8 bpm. ISIP 1900 psi. Calc flush: 5778 gal. Actual flush: 5754 gal.

03/21/05 5564'-5570'

Frac LODC sands as follows:

20,050#s of 20/40 sand in 262 bbls lightning 17 frac fluid. Treated @ avg press of 2625, w/avg rate of 24.8 bpm. ISIP 3250 psi. Calc flush: 5562 gal. Actual flush: 5628 gal.

03/21/05 5420'-5452'

Frac LODC sands as follows:

109,531#s of 20/40 sand in 779 bbls lightning 17 frac fluid. Treated @ avg press of 2314, w/avg rate of 24.6 bpm. ISIP 2500 psi. Calc flush: 5418 gal. Actual flush: 5460 gal.

03/21/05 5204'-5236'

Frac A3 sands as follows:

40,042#s of 20/40 sand in 374 bbls lightning 17 frac fluid. Treated @ avg press of 2129, w/avg rate of 24.8 bpm. ISIP 3550 psi. Calc flush: 5202 gal. Actual flush: 5208 gal.

03/21/05 4784'-4798'

Frac D2 sands as follows:

39,711#s of 20/40 sand in 364 bbls lightning 17 frac fluid. Treated @ avg press of 1756, w/avg rate of 24.8 bpm. ISIP 2100 psi. Calc flush: 4782 gal. Actual flush: 4788 gal.

03/21/05 4487'-4540'

Frac PB11 and PB10 sands as follows:

27,341#s of 20/40 sand in 285 bbls lightning 17 frac fluid. Treated @ avg press of 1882, w/avg rate of 14.3 bpm. ISIP 2400 psi. Calc flush: 4485 gal. Actual flush: 4410 gal.

9-23-08

Pump Change. Updated rod & tubing details.

5/13/09

Tubing Leak. Updated r & t details.

PERFORATION RECORD

03/14/05	5939'-5951'	4 JSPF	48 holes
03/21/05	5822'-5831'	4 JSPF	36 holes
03/21/05	5780'-5799'	4 JSPF	76 holes
03/21/05	5564'-5570'	4 JSPF	24 holes
03/21/05	5420'-5452'	2 JSPF	64 holes
03/21/05	5230'-5236'	4 JSPF	24 holes
03/21/05	5204'-5212'	4 JSPF	32 holes
03/21/05	4784'-4798'	4 JSPF	56 holes
03/21/05	4534'-4540'	4 JSPF	24 holes
03/21/05	4487'-4498'	4 JSPF	44 holes

**NEWFIELD**

Ashley Federal 2-13-9-15  
 717' FNL & 1889' FEL  
 NW/NE Section 13-T9S-R15E  
 Duchesne Co, Utah  
 API #43-013-32462; Lease #UTU-66184

## Ashley Federal S-12-9-15

Spud Date: 12/04/2009  
Put on Production: 01/18/2010  
GL: 6069' KB: 6081'

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (308')  
DEPTH LANDED: 319.85'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt

#### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: I-55  
WEIGHT: 15.5#  
LENGTH: 149 jts (6230.12)  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6285.39'  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ  
CEMENT TOP AT: 110'

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / I-55 / 6.5#  
NO. OF JOINTS: 182 jts (5934.2')  
TUBING ANCHOR: 5946.2'  
NO. OF JOINTS: 1 jts (32.6')  
SEATING NIPPLE: 2-7/8" (1.1')  
SN LANDED AT: 5981.6' KB  
NO. OF JOINTS: jts (32.6')  
TOTAL STRING LENGTH: EOT @ 6120'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'  
SUCKER RODS: 235 - 7/8" 8per guided rods, 4 - 1 1/2" weight bars  
PUMP SIZE: 2 1/2 x 1 1/4 x 20" x 24" RHAC  
STROKE LENGTH: 144  
PUMP SPEED: SPM 4

#### FRAC JOB

01-19-10 6087-6172' Frac CP5 & BSL sands as follows:  
Frac with 50956# 20/40 sand in 308 bbls  
Lightning 17 fluid.  
01-19-10 5763-5897' Frac CP1 & CP2 sands as follows:  
Frac with 38759# 20/40 sand in 252 bbls  
Lightning 17 fluid.  
01-19-10 5367-5505' Frac LODC sands as follows:  
Frac with 165589# 20/40 sand in 989  
bbls Lightning 17 fluid.  
01-19-10 4890-4975' Frac D2 & D3 sands as follows:  
Frac with 70431# 20/40 sand in 430 bbls  
Lightning 17 fluid.  
01-19-10 4725-4734' Frac DS1 sands as follows: Frac with  
40519# 20/40 sand in 247 bbls Lightning  
17 fluid.

Cement Top @ 110'

SN @ 5982'

4725-4727'

4731-4734'

4890-4895'

4928-4930'

4969-4975'

5367-5369'

5427-5429'

5450-5453'

5482-5485'

5500-5505'

5763-5765'

5778-5780'

5876-5879'

5886-5888'

5895-5897'

Anchor @ 5946'

6087-6092'

EOT @ 6120'

6164-6172'

PBTD @ 6242'

SHOE @ 6285'

TD @ 6303'

#### PERFORATION RECORD

6164-6172'	3 JSPP	24 holes
6087-6092'	3 JSPP	15 holes
5895-5897'	3 JSPP	6 holes
5886-5888'	3 JSPP	6 holes
5876-5879'	3 JSPP	9 holes
5778-5780'	3 JSPP	6 holes
5763-5765'	3 JSPP	6 holes
5500-5505'	3 JSPP	15 holes
5482-5485'	3 JSPP	9 holes
5450-5453'	3 JSPP	9 holes
5427-5429'	3 JSPP	6 holes
5367-5369'	3 JSPP	6 holes
4969-4975'	3 JSPP	18 holes
4928-4930'	3 JSPP	6 holes
4890-4895'	3 JSPP	15 holes
4731-4734'	3 JSPP	9 holes
4725-4727'	3 JSPP	6 holes



Ashley Federal S-12-9-15  
911' FSL & 650' FEL (SE/SE)  
Section 12, T9S, R15E  
Duchesne Co, Utah  
API # 43-013-33762; Lease # UTU-74826

## Ashley Federal #15-12-9-15

Spud Date: 9/12/2001  
Put on Production: 10/18/2001

GL: 6083' KB: 6093'

**SURFACE CASING**

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (296.63')  
DEPTH LANDED 305.63'  
HOLE SIZE 12-1/4"  
CEMENT DATA 150 sxs Class "G" cmt, est 4 bbls cmt to surf

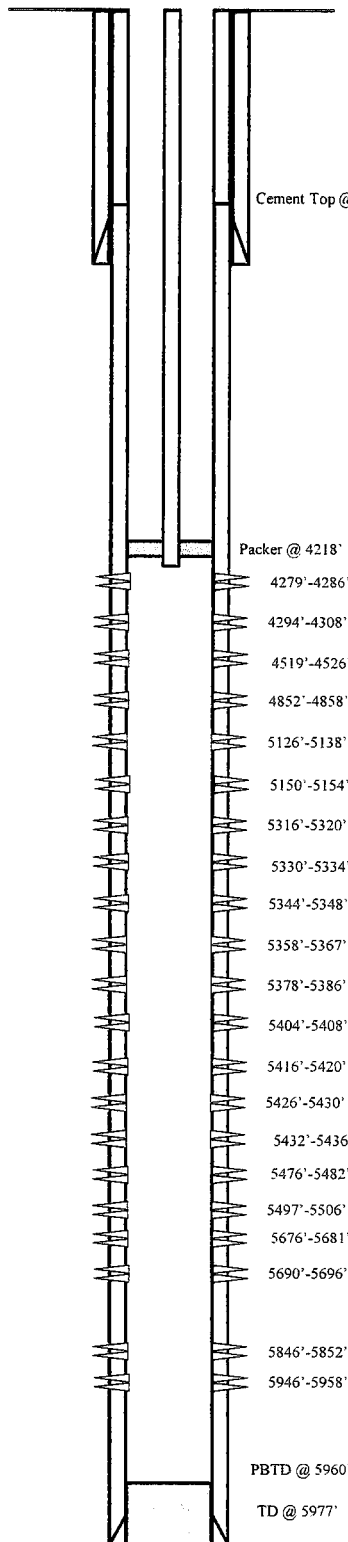
**PRODUCTION CASING**

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15.5#  
LENGTH 141 jts (5986.31')  
DEPTH LANDED 5951.32'  
HOLE SIZE 7-7/8"  
CEMENT DATA 275 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
CEMENT TOP AT: 270'

**TUBING**

SIZE/GRADE/WT 2-7/8" / J-55 / 6.5#  
NO OF JOINTS 130 jts (4203.80')  
TUBING PACKER 4218 10'  
SEATING NIPPLE 2-7/8" (1 10')  
SN LANDED AT 4213.80' KB  
TOTAL STRING LENGTH: EOT @ 4222.23'

Injection  
Wellbore Diagram

**FRAC JOB**

10/2/01	5676'-5958'	<b>Frac CP sand as follows:</b> 51,120# 20/40 sand in 398 bbls Viking I-25 fluid Treated @ avg press of 1940 psi w/avg rate of 36.5 BPM ISIP 1790 psi
10/3/01	5316'-5506'	<b>Frac LODC sand as follows:</b> 220,620# 20/40 sand in 1440 bbls Viking I-25 fluid Treated @ avg press of 1900 psi w/avg rate of 31.5 BPM ISIP 2630 psi Flowed 9.5 hrs then died
10/4/01	5126'-5154'	<b>Frac A-1 sand as follows:</b> 67,663# 20/40 sand in 480 bbls Viking I-25 fluid Treated @ avg press of 2345 psi w/avg rate of 29.4 BPM Screened out with 55,663# sand in formation and 12,000# in casing
10/5/01	4852'-4858'	<b>Frac D-2 sand as follows:</b> 20,907# 20/40 sand in 248 bbls Viking I-25 fluid Treated @ avg press of 2090 psi w/avg rate of 27.3 BPM ISIP 2230 psi
10/5/01	4519'-4526'	<b>Frac PB-10 sand as follows:</b> 32,160# 20/40 sand in 229 bbls Viking I-25 fluid Treated @ avg press of 2600 psi w/avg rate of 26 BPM Screened out with 16,010# sand in formation and 16,150# in casing
10/8/01	4279'-4308'	<b>Frac GB-6 sand as follows:</b> 76,160# 20/40 sand in 591 bbls Viking I-25 fluid Treated @ avg press of 1830 psi w/avg rate of 30.3 BPM ISIP 2160 psi
3/13/03		Conversion to Injector
12/08/06	4279'-4308'	<b>Workover; Acid job on GB6 sds</b> Treat w/ total of 110 gallons diesel & 605 gallons 15% hcl acid

**PERFORATION RECORD**

10/2/01	5946'-5958'	4 JSPF	48 holes
10/2/01	5846'-5852'	4 JSPF	24 holes
10/2/01	5690'-5696'	4 JSPF	24 holes
10/2/01	5676'-5681'	4 JSPF	20 holes
10/3/01	5497'-5506'	4 JSPF	36 holes
10/3/01	5476'-5482'	4 JSPF	24 holes
10/3/01	5432'-5436'	4 JSPF	16 holes
10/3/01	5426'-5430'	4 JSPF	16 holes
10/3/01	5416'-5420'	4 JSPF	16 holes
10/3/01	5404'-5408'	4 JSPF	16 holes
10/3/01	5378'-5386'	4 JSPF	32 holes
10/3/01	5358'-5367'	4 JSPF	36 holes
10/3/01	5344'-5348'	4 JSPF	16 holes
10/3/01	5330'-5334'	4 JSPF	16 holes
10/3/01	5316'-5320'	4 JSPF	16 holes
10/4/01	5150'-5154'	4 JSPF	16 holes
10/4/01	5126'-5138'	4 JSPF	48 holes
10/5/01	4852'-4858'	4 JSPF	24 holes
10/5/01	4519'-4526'	4 JSPF	28 holes
10/8/01	4294'-4308'	4 JSPF	46 holes
10/8/01	4279'-4286'	4 JSPF	28 holes



Ashley Federal #15-12-9-15  
747' FSL & 2046' FEL  
SW/SE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32177; Lease #UTU-74826

Spud Date: 08/05/03  
Put on Production: 09/18/2003  
GL: 6115' KB: 6127'

## Ashley Fed 14-12

## Wellbore Diagram

Initial Production: 53 BOPD,  
18 MCFD, 37 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 JTS (309.49)  
DEPTH LANDED: 299.49  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 150 sxs Class "G" cmt. 4 Bbls. CMT CIRC to surface.

PRODUCTION CASING

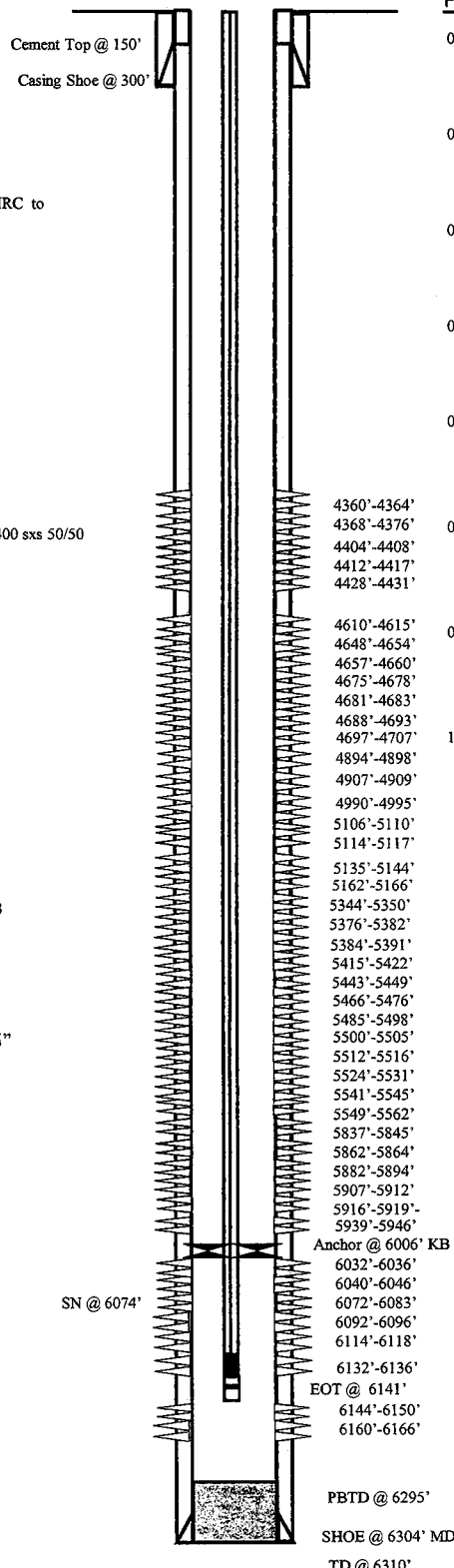
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 147 jts. (6306.27')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 6304.27  
CEMENT DATA: 330 sxs Premilite II w/ Cello Flake mix, 400 sxs 50/50 POZ w/additives.  
CEMENT TOP AT: 150' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 184 jts. (5993.67')  
TUBING ANCHOR: 6005.67 KB  
NO. OF JOINTS: 2 jts. (65.35')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6073.82' K  
NO. OF JOINTS: 2 jts. (65.13')  
TOTAL STRING LENGTH: EOT @ 6140.50' KB

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 65 - 7/8" scraped rods, 153 - 3/4" scraped rods, 24 - 7/8" scraped rods.  
PUMP: 2 1/2" x 1 3/4" x 16.5" RHAC pump w/ SM plunger.  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5  
LOGS: DIGL/SP/GR/CAL

FRAC JOB

09/05/03 6032'-6166' **Frac CP3/CP4/CP5 sands as follows:**  
89,904# 20/40 sand in 672 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.7 BPM. ISIP 2100 psi. Calc. flush: 6030 gal. Actual flush: 5964 gal.

09/05/03 5837'-5946' **Frac CP .5/CP1/CP2 sands as follows:**  
89,467# 20/40 sand in 671 bbls Viking I-25 fluid. Treated @ avg. press of 1970 psi w/avg. rate of 24.4 BPM. ISIP-2040 psi. Calc. flush: 5835 gal. Actual flush: 5754 gal.

09/05/03 5344'-5562' **Frac A3/LODC sands as follows:**  
199,145# 20/40 sand in 1322 bbls Viking I-25 fluid. Treated @ avg. press of 2030 psi w/avg rate of 24.7 BPM. ISIP-2100 psi. Calc. flush: 5342 gal. Actual flush: 5355 gal.

09/05/03 5106'-5166' **Frac B sands as follows:**  
59,479# 20/40 sand in 478 bbls Viking I-25 fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP-1900 psi. Calc. flush: 5104 gal. Actual flush: 5019 gal.

09/06/03 4894'-4995' **Frac D sands as follows:**  
28,888# 20/40 sand in 307 bbls Viking I-25 fluid. Treated @ avg press of 2623 psi w/avg rate of 24.5 BPM. ISIP-2100 psi. Calc. flush: 4892 gal. Actual flush: 4801 gal.

09/06/03 4610'-4707' **Frac PB sands as follows:**  
76,290# 20/40 sand in 579 bbls Viking I-25 fluid. Treated @ avg press of 2105 psi w/avg rate of 24.4 BPM. ISIP-2180 psi. Calc. flush: 4608 gal. Actual flush: 4536 gal.

09/08/03 4360'-4431' **Frac GB sands as follows:**  
40,540# 20/40 sand in 375 bbls Viking I-25 fluid. Treated @ avg press of 2035 psi w/avg rate of 24.5 BPM. ISIP-1860 psi. Calc. flush: 4358 gal. Actual flush: 4284 gal.

1/21/04 Pump change. Update rod details.

PERFORATION RECORDCP3/CP4/CP5

9/04/03 6032'-6036' 2 SPF 8 holes-9/04/03 6040'-6046' 2 SPF 12 holes  
9/04/03 6072'-6083' 2 SPF 22 holes-9/04/03 6092'-6096' 2 SPF 8 holes  
9/04/03 6114'-6118' 2 SPF 8 holes-9/04/03 6132'-6136' 2 SPF 8 holes  
9/04/03 6144'-6150' 2 SPF 12 holes-9/04/03 6160'-6166' 2 SPF 12 holes

CP .5/CP1/CP2

9/05/03 5837'-5845' 2 SPF 16 holes-9/05/03 5862'-5864' 2 SPF 4 holes  
9/05/03 5882'-5894' 2 SPF 24 holes-9/05/03 5907'-5912' 2 SPF 10 holes  
9/05/03 5916'-5919' 2 SPF 6 holes- 9/05/03 5939'-5946' 2 SPF 14 holes

LODC/ A3

9/05/03 5344'-5350' 2 SPF 12 holes-9/05/03 5376'-5382' 2 SPF 12 holes  
9/05/03 5415'-5422' 2 SPF 14 holes-9/05/03 5443'-5449' 2 SPF 12 holes  
9/05/03 5466'-5476' 2 SPF 20 holes-9/05/03 5585'-5498' 2 SPF 26 holes  
9/05/03 5500'-5505' 2 SPF 10 holes-9/05/03 5512'-5516' 2 SPF 8 holes  
9/05/03 5524'-5531' 2 SPF 14 holes-9/05/03 5541'-5545' 2 SPF 8 holes  
9/05/03 5549'-5562' 2 SPF 26 holes

B2/B1/B.5

9/05/03 5106'-5110' 4 SPF 16 holes -9/05/03 5114'-5117' 4 SPF 12 holes  
9/05/03 5135'-5144' 4 SPF 36 holes-9/05/03 5162'-5166' 4 SPF 16 holes

PB10/PB11/D1/D2

9/06/03 4610'-4615' 2 SPF 10 holes, 9/06/03 4648'-4654' 2 SPF12 holes  
9/06/03 4657'-4660' 2 SPF 6 holes  
9/06/03 4675'-4678' 2 SPF 6 holes, 9/06/03 4681'-4683' 2 SPF 4 holes  
9/06/03 4688'-4693' 2 SPF 10 holes, 9/06/03 4697'-4707' 2 SPF 20 holes  
9/06/03 4894'-4898' 4 SPF 16 holes, 9/06/03 4907'-4909' 4 SPF 8 holes  
9/06/03 4990'-4995' 4 SPF 20 holes

GB4/GB6

9/06/03 4360'-4364' 4 SPF 16 holes-9/06/03 4368'-4376' 4 SPF 32 holes  
9/06/03 4404'-4408' 4 SPF 16 holes-9/06/03 4412'-4417' 4 SPF 20 holes  
9/06/03 4428'-4431' 4 SPF 12 holes



Ashley Fed 14-12  
654' FWL & 491' FSL  
SWSW Section 12, T9S, R15E  
Duchesne Co, Utah  
API #43-013-32327; Lease #UTU-74826

## Ashley Federal #6-12-9-15

Spud Date: 12/01/2000  
Put on Production: 2/27/2001  
GL: 6042' KB: 6052'

Initial Production: 29.8 BOPD,  
63.8 MCFD, 92.4 BWPD

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE: 8 5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (325.76')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" cmt

#### PRODUCTION CASING

CSG SIZE: 5 1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 144 jts. (6077.81')  
DEPTH LANDED: 6073.41' KB  
HOLE SIZE: 7 7/8"  
CEMENT DATA: 275 sk Prem. Lite II mixed & 500 sxs 50/50 POZ mix.  
CEMENT TOP AT: 278'

#### TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#  
NO. OF JOINTS: 168 jts (5389.17')  
TUBING ANCHOR: 5399.17'  
NO. OF JOINTS: 3 jts (97.57')  
SEATING NIPPLE: 2 7/8" (1.10')  
SN LANDED AT: 5499.54' KB  
NO. OF JOINTS: 2 jts (64.27')  
TOTAL STRING LENGTH: EOT @ 5565.36' W/ 10' KB

#### SUCKER RODS

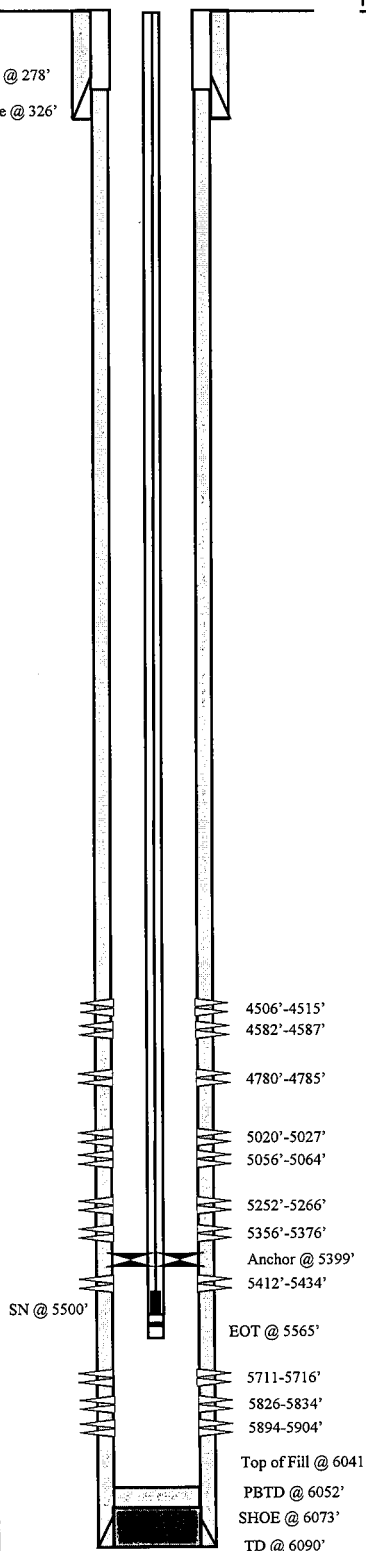
POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 5 - 1 1/2" weight rods, 50 - 3/4" scraped rods, 77 - 3/4" plain rods, 87 - 3/4" scraped rods, 2', 4', 8', 8' x 3/4" pony rods  
PUMP SIZE: 2 1/2" x 1 1/2" x 10' x 14' Randys RHAC  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 4 spm

#### FRAC JOB

2/19/01	5358'-5434'	<b>Frac LODC sands as follows:</b> Frac with 190,000# 20/40 sand in 1145 bbls Viking I-25 fluid. Perfs broke down @ 3750 psi. Treat at 2000 psi @ 30 BPM. ISIP 2175 psi.
2/20/01	5252'-5266'	<b>Frac A-3 sands as follows:</b> Frac with 56,000# 20/40 sand in 439 bbls Viking I-25 fluid. Perfs broke down @ 4820 psi. Treat at 2400 psi @ 28 BPM. ISIP 2360 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
2/21/01	5056'-5027'	<b>Frac B sands as follows:</b> Frac with 82,000# 20/40 sand in 654 bbls Viking I-25 fluid. Perfs broke down @ 4131 psi. Treat at 2100 psi @ 30 BPM. ISIP 2090 psi.
2/21/01	4780'-4785'	<b>Frac D-1 sands as follows:</b> Frac with 24,400# 20/40 sand in 273 bbls Viking I-25 fluid. Perfs broke down @ 3971 psi. Treat at 2400 psi @ 22 BPM. ISIP 2140 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3 hrs. then died.
2/22/01	4582'-4516'	<b>Frac PB sands as follows:</b> Frac with 65,160# 20/40 sand in 492 bbls Viking I-25 fluid. Perfs broke down @ 1680 psi. Treat at 2000 psi @ 30 BPM. ISIP 2300 psi. Begin flowback on 12/46" choke @ 1 BPM, flowed for 3.5 hrs. then died.
11/15/01		Lower tubing. Update rod and tubing details.
07/07/03		Parted rods. Update rod and tubing details.
07/30/04		Tubing Leak. Update rod and tubing details
10/27/05		Pump change. Update rod and tubing details.
03/06/06		Pump Change. Update rod and tubing details
4/30/08	5826-5834	<b>Frac CP2 &amp; CP3 sds as follows:</b> w/ 64,931#s of 20/40 sand in 572 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4079 psi w/ ave rate of 15.2 BPM. ISIP 2115 psi. Actual flush: 1390 gals
4/30/08	5711-5716	<b>Frac CP1 sds as follows:</b> w/ 21,540#s of 20/40 sand in 244 bbls of Lightning 17 fluid. Treated w/ ave pressure of 4929 psi w/ ave rate of 15.3 BPM. ISIP 2080 psi. Actual flush: 1386 gals

#### PERFORATION RECORD

4506'-4515'	4 JSPF	36 holes
4582'-4587'	4 JSPF	20 holes
4780'-4785'	4 JSPF	20 holes
5020'-5027'	4 JSPF	28 holes
5056'-5064'	4 JSPF	32 holes
5252'-5266'	4 JSPF	56 holes
5356'-5376'	4 JSPF	80 holes
5412'-5434'	4JSPF	88 holes
5711-5716'	4 JSPF	20 holes new
5826-5834'	4 JSPF	32 holes new
5894-5904'	4JSPF	40 holes new



Ashley Federal #6-12-9-15  
1996.4' FNL & 2121.3' FWL  
SE/NW Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32170; Lease #UTU-74826

## Ashley Federal #7-12-9-15

Spud Date: 11/20/2000  
Put on Production: 2/28/2001  
GL: 6014' KB: 6024'

Initial Production: 87 BOPD,  
43.8 MCFD, 13.9 BWPD

SURFACE CASING

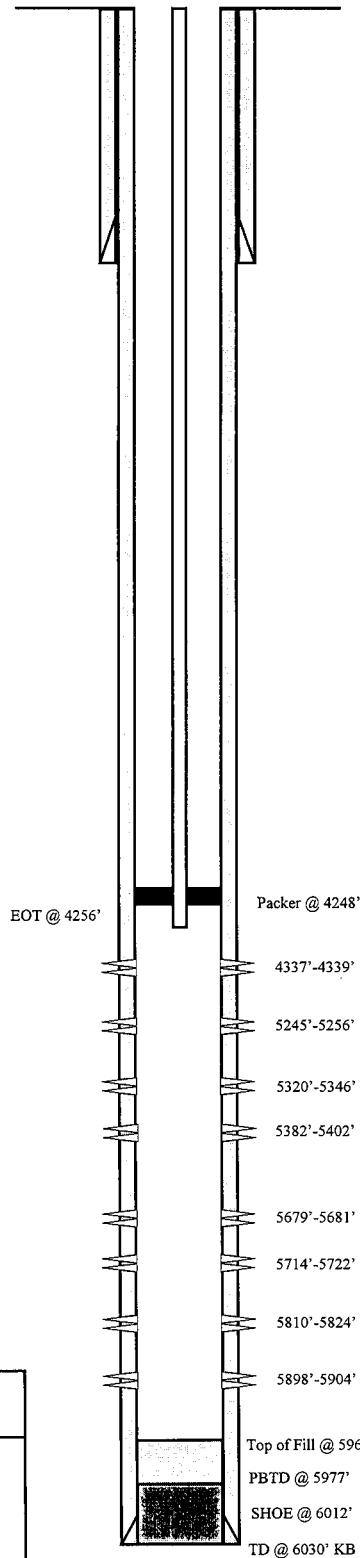
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (327.03')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. - landed at 6012.08'  
HOLE SIZE: 7-7/8"  
TOTAL DEPTH: 6030'  
CEMENT DATA: 385 sk Prem. Lite II mixed & 500 sxs 50/50 POZ.  
CEMENT TOP AT: ? per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 132 jts (4237.84')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4247.84'  
CE 3.32" 4252.26  
TOTAL STRING LENGTH: EOT @ 4256.19'

Injection Wellbore  
DiagramFRAC JOB

2/22/01 5714'-5722' **Frac CP sands as follows:**  
Frac with 35,300# 20/40 sand in 394 bbls Viking I-25 fluid. Perfs broke down @ 4173 psi. Treat at 2000 psi @ 24 BPM. ISIP 2130 psi. Begin flowback @ 1 BPM, flowed for 3.5 hrs. then died.

2/24/01 5382'-5402'  
5320'-5346'  
5245'-5256' **Frac LDC sands as follows:**  
Set plug at 5450'.  
Frac with 243,000# 20/40 sand in 1556 bbls Viking I-25 fluid. Perfs broke at 2630 psi with 9.6 BPM. Treated at avg. 1900 psi @ 30 BPM. ISIP 2020 psi. Flowback on 12/64" choke @ 1BPM for 6.5 hours until flow turned to trickle.

4/8/03 Conversion to injector. Update tubing detail.

1-4-07 **Workover:** Updated Tubing detail.

PERFORATION RECORD

4337'-4339'	4 JSPF	8 holes
5679'-5681'	4 JSPF	8 holes
5810'-5824'	4 JSPF	56 holes
5898'-5904'	4 JSPF	24 holes
5245'-5246'	4 JSPF	44 holes
5320'-5346'	4 JSPF	104 holes
5382'-5402'	4 JSPF	80 holes
5714'-5722'	4 JSPF	32 holes

**NEWFIELD****Ashley Federal #7-12-9-15**

1860' FNL &amp; 1869' FEL

SW/NE Section 12-T9S-R15E

Duchesne Co, Utah

API #43-013-32008; Lease #UTU-74826

## Ashley Federal Unit 16-12-9-15

Spud Date: 1/24/2001  
Put on Production: 3/20/2001  
GL: 6066' KB: 6076'

Initial Production: 56.4 BOPD,  
25.0 MCFD, 34.3 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (305.24')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5949.71')  
HOLE SIZE: 7-7/8"  
DEPTH LANDED: 5949.7'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 180'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 175 jts (5631.48')  
TUBING ANCHOR: 5641.5'  
NO. OF JOINTS: 1 jts (32.55')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5676.8' KB  
NO. OF JOINTS: 2 jts (65.11')  
TOTAL STRING LENGTH: EOT @ 5743'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1 - 2'x7/8" pony rod, 83-7/8" scraper rods, 4-3/4" guided rods, 98-3/4" sucker rods, 37- 3/4" guided rods, 4-1 1/2" K-bars  
PUMP SIZE: 2-1/2" x 1-3/4" x 14" X 18" RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5

FRAC JOB

3/12/01 5664'-5669' **Frac CP-0.5 sands as follows:**  
25,000# 20/40 sand in 287 bbls Viking I-25 fluid. Treat at 2100 psi @ 23 BPM. ISIP 2375 psi.

3/13/01 4948'-5086' **Frac B-2 & C sands as follows:**  
112,000# 20/40 sand in 752 bbls Viking I-25 fluid. Treat at 1575 psi @ 29.5 BPM. ISIP 1850 psi.

3/14/01 4838'-4873' **Frac D-2 sands as follows:**  
Frac with 46,000# 20/40 sand in 412 bbls Viking I-25 fluid. Treat at 1900 psi @ 30 BPM. ISIP 2040 psi.

3/15/01 4546'-4556' **Frac PB-10 sand as follows:**  
Frac with 48,000# 20/40 sand in 401 bbls Viking I-25 fluid. Treat at 2300 psi @ 25.4 BPM. ISIP 2230 psi.

3/16/01 4308'-4338' **Frac GB-6 sands as follows:**  
Frac with 82,400# 20/40 sand in 583 bbls Viking I-25 fluid. Treat at 2000 psi @ 31 BPM. ISIP 2060 psi.

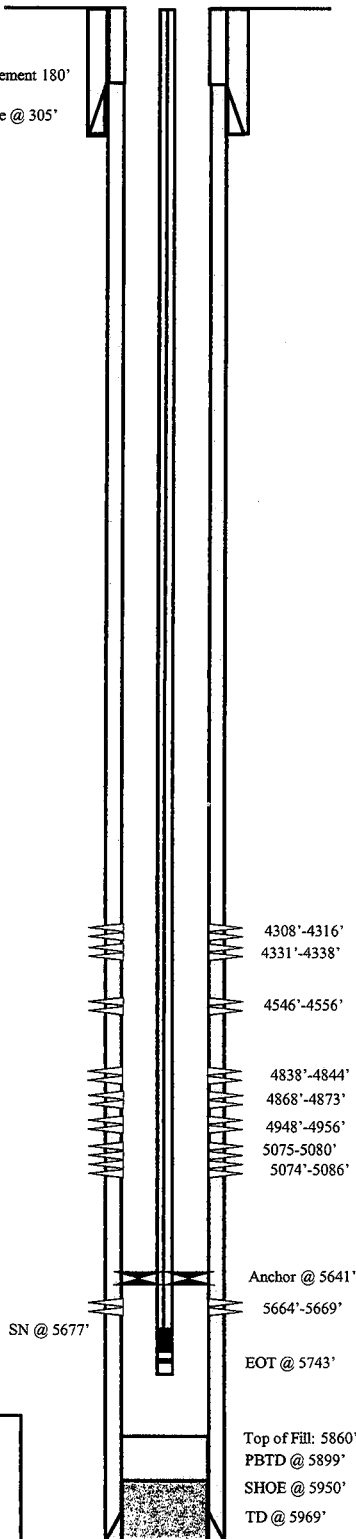
10/14/02 **Pump Change.** Update rod and tubing detail.

8/16/03 **Pump Change.**

5-5-05 **Pump Change.**

12/01/10 5075-5080' **Frac B2 sands as follows:** 13435# 20/40 sand in 84 bbls Lighting 17 fluid.

12/03/10 **Re-Completion** - updated rod and tbg detail.

PERFORATION RECORD

4308'-4316'	4 JSPF	32 holes
4331'-4338'	4 JSPF	28 holes
4546'-4556'	4 JSPF	40 holes
4838'-4844'	4 JSPF	24 holes
4868'-4873'	4 JSPF	20 holes
4948'-4956'	4 JSPF	32 holes
5074'-5086'	4 JSPF	48 holes
5664'-5669'	4 JSPF	20holes
5075-5080'	3 JSPF	15 holes

NEWFIELD



Ashley Federal 16-12-9-15  
915' FSL & 646' FEL  
SE/SE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32178; Lease #UTU-74826



## West Point Federal 13-7-9-16

Spud Date: 1-23-06  
Put on Production: 3-14-06  
GL: 5986' KB: 5974'

Initial Production: BOPD,  
MCFD, BWPD

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE 8-5/8"  
GRADE J-55  
WEIGHT 24#  
LENGTH 7 jts (312 48')  
DEPTH LANDED 323 38' KB  
HOLE SIZE 12-1/4"  
CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"  
GRADE J-55  
WEIGHT 15.5#  
LENGTH 143 jts (5713')  
DEPTH LANDED 6031.77' KB  
HOLE SIZE 7-7/8"  
CEMENT DATA 300 sxs Prem Lite II mixed & 450 sxs 50/50 POZ  
CEMENT TOP AT 210'

TUBING

SIZE/GRADE/WT. 2-7/8" / J-55 / 6.5#  
NO OF JOINTS 126 jts (4093 12')  
SEATING NIPPLE 2-7/8" (1 10")  
SN LANDED AT 4105 12' KB  
CE @ 4109.32'  
TOTAL STRING LENGTH: EOT @ 4113.72' KB

Cement top @ 210'

Packer @ 4109'  
EOT @ 4114'

4162-4168'

4224-4232'

4481-4489'

4575-4583'

4836-4841'

4912-4919'

4932-4939'

4979-4988'

5217-5225'

5604-5614'

PBTD @ 5988'  
TD @ 6050'

FRAC JOB

03-07-06 5604-5614' **Frac CPI sands as follows:**  
45541# 20/40 sand in 422 bbls Lightning 17  
frac fluid Treated @ avg press of 1730 psi  
w/avg rate of 25 7 BPM ISIP 1900 psi Calc  
flush: 5602 gal Actual flush: 5586 gal

03-07-06 5217-5225' **Frac LODC sands as follows:**  
24523# 20/40 sand in 341 bbls Lightning 17  
frac fluid Treated @ avg press of 2168 psi  
w/avg rate of 25 3 BPM ISIP 2360 psi Calc  
flush: 5215 gal Actual flush: 5208 gal

03-07-06 4836-4988' **Frac B2, B1, B.5, & c sands as follows:**  
109797# 20/40 sand in 775 bbls Lightning 17  
frac fluid Treated @ avg press of 1760 psi  
w/avg rate of 25 6 BPM ISIP 2030 psi Calc  
flush: 4834 gal Actual flush: 4830 gal

03-07-06 4575-4583' **Frac DS1, sands as follows:**  
10605# 20/40 sand in 211 bbls Lightning 17  
frac fluid Treated @ avg press of 2685 w/  
avg rate of 25 6 BPM ISIP 2650 psi Calc  
flush: 4573 gal Actual flush: 4620 gal

03-07-06 4481-4489' **Frac PB11 sands as follows:**  
99813# 20/40 sand in 723 bbls Lightning 17  
frac fluid Treated @ avg press of 1758 w/  
avg rate of 25 3 BPM ISIP 2050 psi Calc  
flush: 4479 gal Actual flush: 3948 gal

03-08-06 4162-4232' **Frac GB6 & GB4 sands as follows:**  
62690# 20/40 sand in 465 bbls Lightning 17  
frac fluid Treated @ avg press of 1820 w/  
avg rate of 25 4 BPM ISIP 1920 psi Calc  
flush: 4160 gal Actual flush: 4032 gal

8/15/08 **Well converted to an Injection Well.**

8/28/08 **MIT completed and submitted.**

PERFORATION RECORD

02-27-06	5604-5614'	4 JSPF	40 holes
03-07-06	5217-5225'	4 JSPF	32 holes
03-07-06	4979-4988'	4 JSPF	36 holes
03-07-06	4932-4939'	4 JSPF	28 holes
03-07-06	4912-4919'	4 JSPF	28 holes
03-07-06	4836-4841'	4 JSPF	20 holes
03-07-06	4575-4583'	4 JSPF	32 holes
03-07-06	4481-4489'	4 JSPF	32 holes
03-08-06	4224-4232'	4 JSPF	32 holes
03-08-06	4162-4168'	4 JSPF	24 holes

**NEWFIELD****Federal 13-7-9-16**

773' FSL &amp; 367' FWL

SW/SW Section 7-T9S-R16E

Duchesne Co, Utah

API # 43-013-32744; Lease # UTU-74390

## Nine Mile #12-7-9-16

Spud Date: 3-16-98

Put on Production: 4/24/98

GL: 6013' KB: 6025'

Initial Production: 123 BOPD,  
169 MCFPD, 4 BWPDSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts

DEPTH LANDED: 304'

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sks Premium cmt, est 6 bbls to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 140 jts (5930')

DEPTH LANDED: 5942.18'

HOLE SIZE: 7-7/8"

CEMENT DATA: 380 sks Hibond mixed &amp; 320 sks thixotropic

CEMENT TOP AT: 190'

TUBING

SIZE/GRADE/WT: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 152 jts (4719.75')

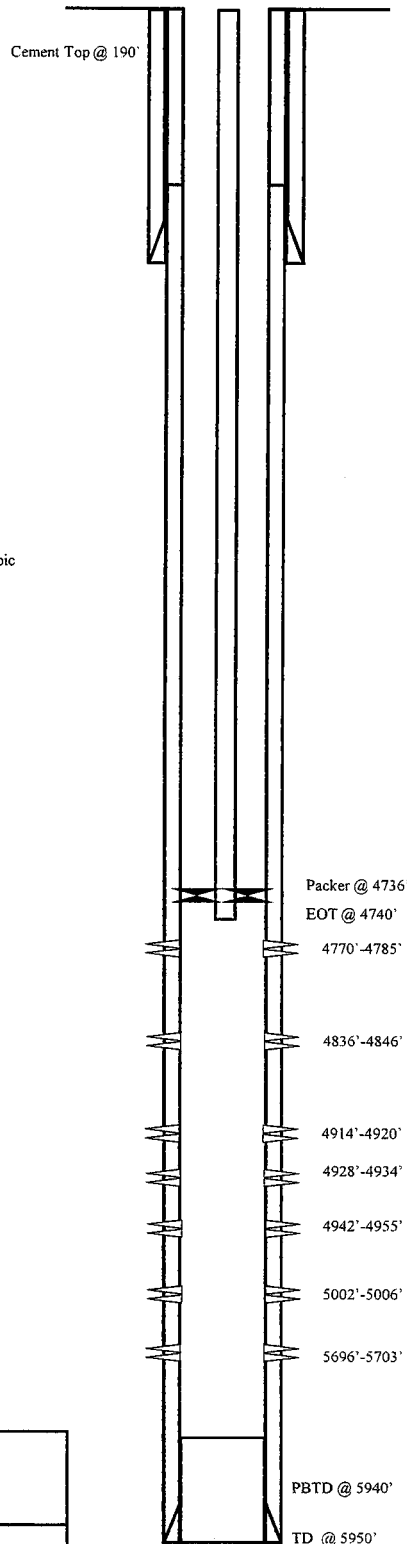
SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4731.75' KB

5 1/2" Arrowset 1-X prk (7.37')

CE @ 4736.08

TOTAL STRING LENGTH: EOT @ 4740.22'

Injection Wellbore  
DiagramFRAC JOB

4/15/98	5696'-5703'	<b>Frac CP sand as follows:</b> 120,300# of 20/40 sd in 598 bbls Delta Gel. Treated @ avg press 2140 psi & avg rate 28 bpm, ISIP 2542 psi Flowback for 4.5 hrs & died
4/16/98	4914'-5006'	<b>Frac C/B sands as follows:</b> 92,400# of 20/40 sd in 468 bbls Delta Gel. Treated @ avg press 1350 psi & avg rate 28 bpm, ISIP 2564 psi. Flowback for 2.5 hrs & died
4/20/98	4770'-4846'	<b>Frac D sand as follows:</b> 115,300# of 20/40 sd in 534 bbls Delta Gel. Treated @ avg press 2400 psi & avg rate 32 bpm, ISIP 3233 psi. Flowback for 2.5 hrs & died
1/31/02		Pump change. Update rod and tubing details
4/05/02		Pump change. Update rod and tubing details
7/31/03		Pump change. Update rod detail.
03/01/06		Pump Change. Update rod and tubing details
06/24/09		Converted to Injection well
07/02/09		MIT Completed update tbg detail

PERFORATION RECORD

4/15/98	5696'-5703'	4 JSPF	28 holes
4/16/98	5002'-5006'	4 JSPF	16 holes
4/16/98	4942'-4955'	4 JSPF	52 holes
4/16/98	4928'-4934'	4 JSPF	24 holes
4/16/98	4914'-4920'	4 JSPF	24 holes
4/18/98	4836'-4846'	4 JSPF	90 holes
4/18/98	4770'-4785'	4 JSPF	60 holes

NEWFIELD



Nine Mile #12-7-9-16  
1980 FSL & 594 FWL  
NWSW Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-32014; Lease #UTU-74390

Spud Date: 4/22/08

Put on Production: 5/29/08

GL: 6017' KB: 6029'

## West Point Fed #N-7-9-16

### Wellbore Diagram

#### SURFACE CASING

CSG SIZE 8-5/8"

GRADE J-55

WEIGHT 24#

LENGTH 7 jts (308.94')

DEPTH LANDED 319'

HOLE SIZE 12-1/4"

CEMENT DATA: To surface with 160 sx Class "G" cmt

#### PRODUCTION CASING

CSG SIZE 5-1/2"

GRADE J-55

WEIGHT 15.5#

LENGTH 155 jts

DEPTH LANDED 6351'

HOLE SIZE 7-7/8"

CEMENT DATA 325 sx Prem-lite II and 425 sx 50/50 Poz

CEMENT TOP AT: 50'

#### TUBING

SIZE/GRADE/WT 2 7/8" / J-55 / 6.5#

NO OF JOINTS 185 jts (5794.23')

TUBING ANCHOR 5806.23' KB

NO OF JOINTS 1 jt (31.36')

SEATING NIPPLE 2 7/8" (110')

SN LANDED AT 5840.39' KB

NO OF JOINTS 2 jts (63.17')

TOTAL STRING LENGTH EOT @ 5905.11' KB

#### SUCKER RODS

POLISHED ROD 1 1/2" x 26' polished rod

SUCKER RODS 2', 4', x 7/8" pony rods, 229- 7/8" scraped rods, 4-1 1/2" weight rods

PUMP SIZE 2 1/2" x 1 3/4" x 16' x 20' RHAC pump w/sm plunger

STROKE LENGTH 96"

PUMP SPEED, SPM 6

#### FRAC JOB

5/21/08 5836-5845'

**RU BJ & frac CP1 sds as follows:**

30,088# 20/40 sand in 411 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2238 w/ ave rate of 23.3 bpm w/ 6.5 ppg of sand ISIP was 2100 Actual Flush 5334 gals

5/21/08 5459-5471'

**RU BJ & frac LODC sds as follows:**

14,814# 20/40 sand in 284 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand ISIP was 1955 Actual Flush 4998 gals

5/21/08 6314-5322'

**RU BJ & frac A1 sds as follows:**

19,919# 20/40 sand in 317 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2177 w/ ave rate of 23.4 bpm w/ 6.5 ppg of sand ISIP was 2015 Actual Flush 4830 gals

5/22/08 5074'-5086'

**RU BJ & frac C sds as follows:**

55,473# 20/40 sand in 500 bbls of Lightning 17 frac fluid Treated @ ave pressure of 1797 w/ ave rate of 23.4 bpm w/ 8 ppg of sand ISIP was 1865 Actual Flush 4620 gals

5/22/08 4974-4980'

**RU BJ & frac D2 sds as follows:**

20,062# 20/40 sand in 314 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2251 w/ ave rate of 25.8 bpm w/ 6.5 ppg of sand ISIP was 2010 Actual Flush 4494 gals

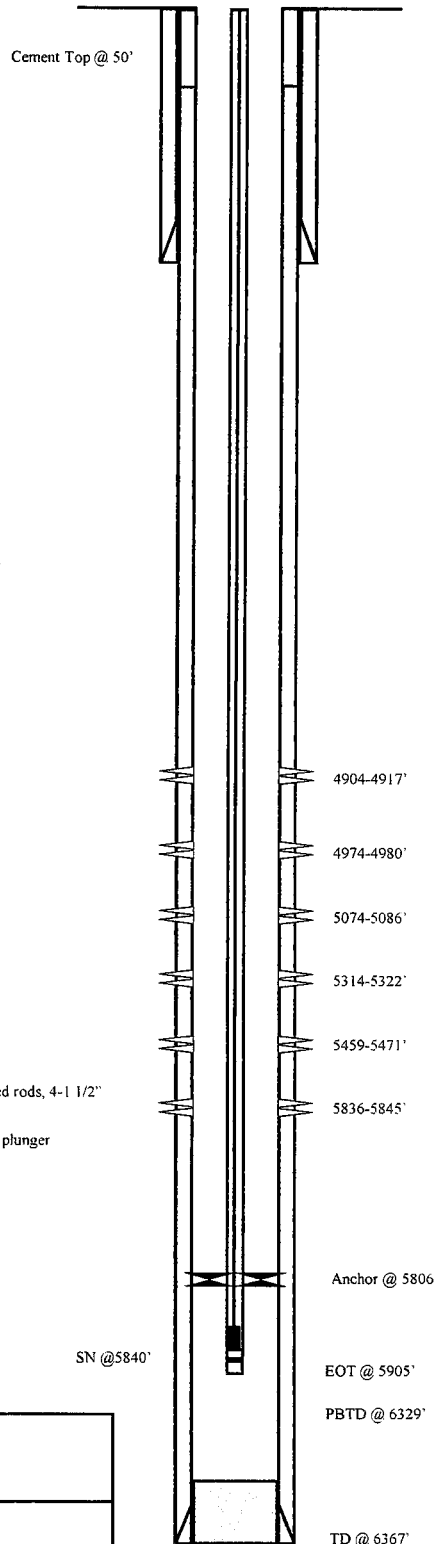
5/22/08 4904-4917'

**RU BJ & frac D1 sds as follows:**

72,392# 20/40 sand in 600 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2401 w/ ave rate of 23.4 bpm w/ 8 ppg of sand ISIP was 2320 Actual Flush 4872 gals

#### PERFORATION RECORD

5/22/08	4904-4917'	4 JSPF	52 holes
5/22/08	4974-4980'	4 JSPF	24 holes
5/22/08	5074-5086'	4 JSPF	48 holes
5/21/08	5314-5322'	4 JSPF	32 holes
5/21/08	5459-5471'	4 JSPF	48 holes
5/21/08	5836-5845'	4 JSPF	36 holes



West Point Fed #N-7-9-16  
2002' FSL & 594' FWL  
NW/SW Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33711; Lease #UTU-74390



## West Point Fed #Q-7-9-16

Spud Date: 8/20/08

Put on Production: 10/27/08

GL: 5971' KB: 5983'

SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (324.65')

DEPTH LANDED: 334.65'

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sx/ Class "G" cement

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 162 jts (6450.06')

DEPTH LANDED: 6306'

HOLE SIZE: 7-7/8"

CEMENT DATA: 375 sx of Prem-lite &amp; 450sx of 50/50 poz

CEMENT TOP AT: 30'

TUBING

SIZE/GRADE/WT: 2 7/8" / J-55 / 6.5#

NO. OF JOINTS: 197 jts (6059.36')

TUBING ANCHOR: 6071.36' KB

NO. OF JOINTS: 1 jt (30.86')

SEATING NIPPLE: 2 7/8" (1.10')

SN LANDED AT: 6105.02' KB

NO. OF JOINTS: 1 jts (31.02')

TOTAL STRING LENGTH: EOT @ 6137.59'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS: 1-2', 1-6' x 7/8" pony subs, 239-7/8" guided rods (8 per), 4-1 1/2" wt bars.

PUMP SIZE: 2 1/2" x 1 3/4" x 24.5" RHAC "CDI"

STROKE LENGTH: 122"

PUMP SPEED, SPM: 5

## Wellbore Diagram

Cement Top @ 30'

SN @ 6105'

4746-4752'

4848-4860'

4906-4912'

5070-5080'

5100-5106'

5214-5220'

5262-5272'

5280-5286'

5796-5804'

5830-5838'

Anchor @ 6071'

6094-6102'

EOT @ 6138'

PBTD @ 6281'

TD @ 6307'

FRAC JOB

10/20/08	6094-6102'	<b>Frac CP5 sds as follows:</b> Frac w/25,026# 20/40 sand in 379 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2369 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2269 psi. Actual flush: 5586 gals.
10/20/08	5796-5804'	<b>Frac CP1 &amp; CP2 sds as follows:</b> Frac w/35,537# 20/40 sand in 401 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1718 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 1922 psi. Actual flush: 5292 gals.
10/20/08	5214-5220'	<b>Frac A.5 &amp; A1 sds as follows:</b> Frac w/48,211# 20/40 sand in 466 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1824 psi @ ave rate of 23.2 BPM. Pumped 504 gals of 15% HCL in flush for Stage #4. ISIP 2055 psi. Actual flush: 4708 gals.
10/20/08	5070-5080'	<b>Frac B.5 &amp; B1 sds as follows:</b> Frac w/40,332# 20/40 sand in 419 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1978 psi @ ave rate of 23.1 BPM. Pumped 504 gals of 15% HCL in flush for Stage #5. ISIP 1997 psi. Actual flush: 4565 gals.
10/20/08	4848-4860'	<b>Frac D1 &amp; D2 sds as follows:</b> Frac w/39,103# 20/40 sand in 409 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1926 psi @ ave rate of 23.3 BPM. Pumped 504 gals of 15% HCL in flush for Stage #6. ISIP 2055 psi. Actual flush: 4343 gals.
10/20/08	4746-4752'	<b>Frac DS2 sds as follows:</b> Frac w/26,838# 20/40 sand in 373 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2189 psi @ ave rate of 23.2 BPM. ISIP 2164 psi. Actual flush: 4704 gals.

PERFORATION RECORD

10/20/08	4746-4752'	4 JSPF	24 holes
10/20/08	4848-4860'	4 JSPF	48 holes
10/20/08	4906-4912'	4 JSPF	24 holes
10/20/08	5070-5080'	4 JSPF	40 holes
10/20/08	5100-5106'	4 JSPF	24 holes
10/20/08	5214-5220'	4 JSPF	24 holes
10/20/08	5262-5272'	4 JSPF	40 holes
10/20/08	5280-5286'	4 JSPF	24 holes
10/20/08	5796-5804'	4 JSPF	32 holes
10/20/08	5830-5838'	4 JSPF	32 holes
10/20/08	6094-6102'	4 JSPF	32 holes



West Point Fed #Q-7-9-16  
780' FSL & 403' FWL  
SW/SW Section 7-T9S-R16E  
Duchesne Co, Utah  
API #43-013-33983; Lease #UTU- 74390

# Multi-Chem Group, LLC

Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)**

Sample ID: **WA-53130**

Well Name: **Ashley IF**

Sample Point: **tank**

Sample Date: **1 / 7 / 2011**

Sales Rep: **Monty Frost**

Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/24/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0017
pH:	7.98
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	6217
Molar Conductivity (µS/cm):	9420
Resistivity (Mohm):	1.0616

Analysis @ Properties in Sample Specifics			
Cations	mg/L	Anions	mg/L
Calcium (Ca):	34.57	Chloride (Cl):	3000.00
Magnesium (Mg):	18.40	Sulfate (SO₄):	10.00
Barium (Ba):	7.62	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	927.00
Sodium (Na):	2218.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	1.00
Iron (Fe):	0.32	Phosphate (PO₄):	-
Manganese (Mn):	0.02	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
100		4.86	11.91	0.00	-2023.00	0.00	-2138.60	-	-	2.71	6.25	0.26
80	0	3.61	8.98	0.00	3.62	0.00	-2280.60	-	-	4.10	8.00	0.13
100	0	4.86	11.91	0.00	7.31	0.00	-2138.70	-	-	2.71	6.25	0.16
120	0	6.11	14.46	0.00	10.28	0.00	-1932.90	-	-	1.83	4.19	0.17
140	0	7.38	16.89	0.00	12.81	0.00	-1692.50	-	-	1.27	1.80	0.20
160	0	8.59	19.05	0.00	14.86	0.00	-1442.00	-	-	0.89	-0.93	0.22
180	0	9.63	20.78	0.00	16.27	0.00	-1199.60	-	-	0.64	-4.03	0.24
200	0	10.46	21.95	0.00	16.91	0.00	-977.39	-	-	0.47	-7.51	0.24
220	2.51	10.94	22.56	0.00	16.78	0.00	-789.27	-	-	0.34	-11.65	0.25
240	10.3	11.20	22.38	0.00	15.91	0.00	-621.34	-	-	0.25	-16.09	0.25
260	20.76	11.19	21.60	0.00	14.67	0.00	-481.36	-	-	0.19	-21.06	0.25
280	34.54	10.93	20.30	0.00	13.32	0.00	-367.07	-	-	0.14	-26.63	0.26
300	52.34	10.47	18.65	0.00	11.99	0.01	-275.34	-	-	0.11	-32.87	0.26

### Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F  
Gypsum Scaling Index is negative from 80°F to 300°F  
Calcium Sulfate Scaling Index is negative from 80°F to 300°F  
Strontium Sulfate scaling was not evaluated  
Barium Sulfate NO CONCLUSION

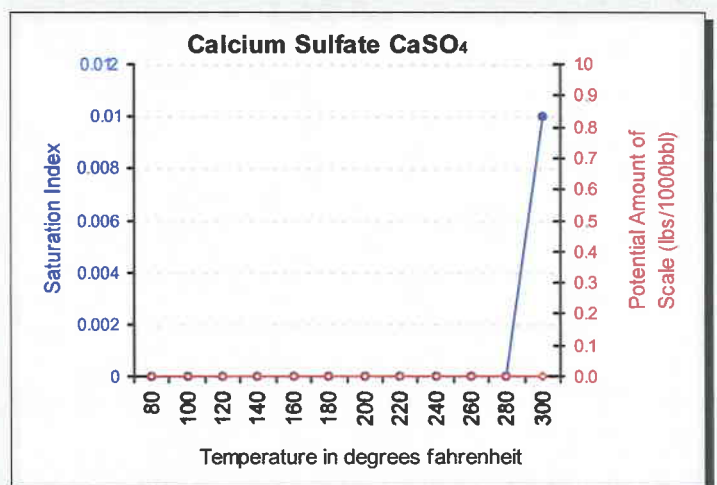
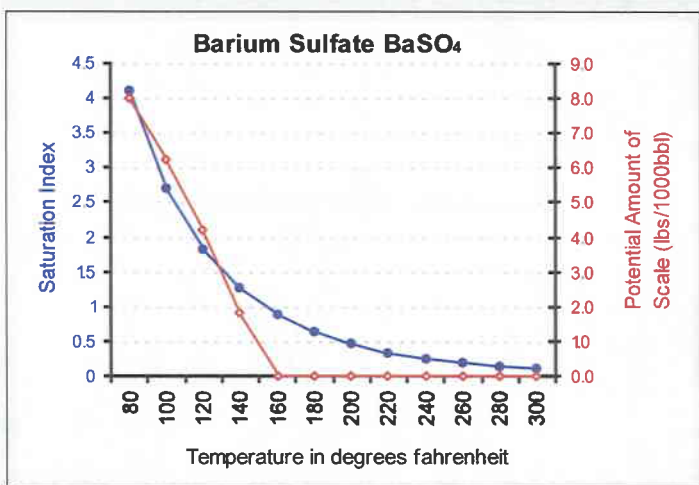
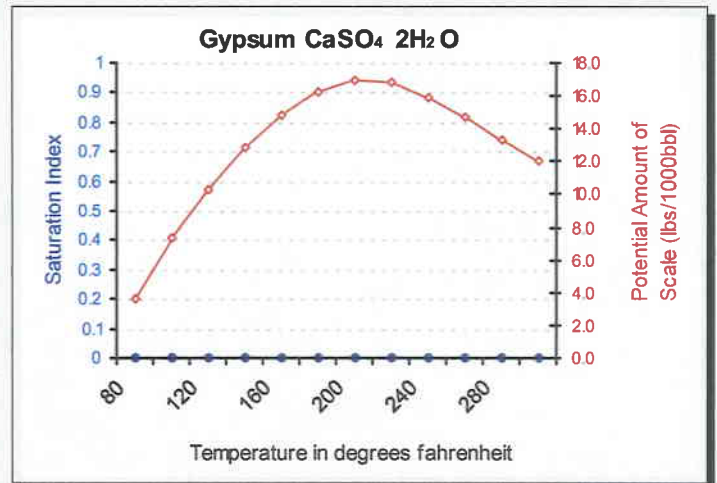
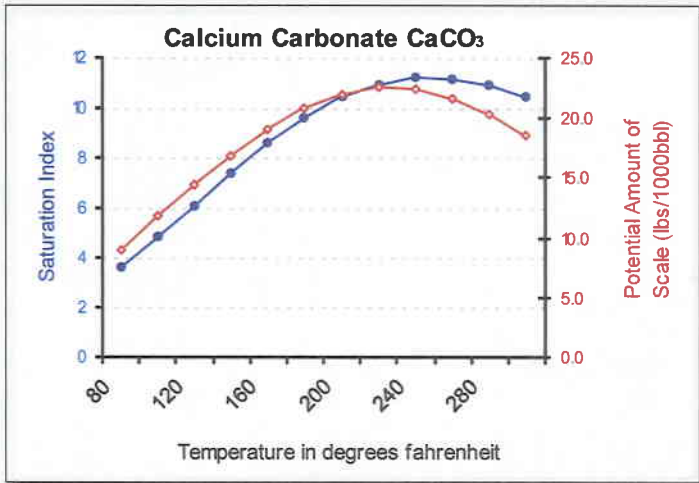
### Notes:

**Multi-Chem Group, LLC**  
 Multi-Chem Analytical Laboratory  
 1553 East Highway 40  
 Vernal, UT 84078

## Scale Prediction Graphs

Well Name: **Ashley IF**

Sample ID: **WA-53130**





**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-52895**Well Name: **Ashley 10-12-9-15**Sample Point: **Tank**Sample Date: **1/12/2011**Sales Rep: **Monty Frost**Lab Tech: **John Keel**

Sample Specifics	
Test Date:	1/18/2011
Temperature (°F):	100
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0050
pH:	7.55
Turbidity (NTU):	-
Calculated T.D.S. (mg/L):	8150
Molar Conductivity (µS/cm):	12349
Resistivity (Mohm):	0.8098

Analysis @ Properties in Sample Specifics				
Cations		mg/L	Anions	mg/L
Calcium (Ca):		31.00	Chloride (Cl):	4000.00
Magnesium (Mg):		6.00	Sulfate (SO 4):	42.00
Barium (Ba):		10.90	Dissolved CO 2:	-
Strontium (Sr):		-	Bicarbonate (HCO 3):	1098.00
Sodium (Na):		2962.00	Carbonate (CO 3):	-
Potassium (K):		-	H2 S:	-
Iron (Fe):		0.12	Phosphate (PO 4):	-
Manganese (Mn):		0.10	Silica (SiO 2):	-
Lithium (Li):		-	Fluoride (F):	-
Aluminum (Al):		-	Nitrate (NO 3):	-
Ammonia NH3:		-	Lead (Pb):	-
			Zinc (Zn):	-
			Bromine (Br):	-
			Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate CaCO₃		Gypsum CaSO₄ · 2H₂O		Calcium Sulfate CaSO₄		Strontium Sulfate SrSO₄		Barium Sulfate BaSO₄		Calculated CO₂
		Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
Temp °F	Gauge Press. psi											
100		1.73	2.92	0.00	-2194.00	0.00	-2319.10	-	-	13.65	16.86	0.83
80	0	1.28	1.22	0.00	-10.61	0.00	-2470.00	-	-	20.69	17.42	0.39
100	0	1.73	2.92	0.00	-7.03	0.00	-2319.10	-	-	13.65	16.86	0.48
120	0	2.20	4.41	0.00	-4.32	0.00	-2098.70	-	-	9.22	16.08	0.54
140	0	2.69	5.84	0.00	-2.24	0.00	-1840.00	-	-	6.35	15.02	0.61
160	0	3.18	7.21	0.00	-0.69	0.00	-1569.60	-	-	4.45	13.62	0.68
180	0	3.63	8.46	0.00	0.35	0.00	-1307.50	-	-	3.18	11.80	0.75
200	0	4.02	9.55	0.00	0.96	0.00	-1066.60	-	-	2.30	9.49	0.76
220	2.51	4.30	10.44	0.00	1.20	0.00	-863.09	-	-	1.65	6.42	0.77
240	10.3	4.51	11.01	0.00	1.23	0.01	-680.10	-	-	1.22	2.82	0.78
260	20.76	4.63	11.27	0.00	1.12	0.01	-527.08	-	-	0.91	-1.51	0.79
280	34.54	4.66	11.21	0.00	0.96	0.01	-401.68	-	-	0.68	-6.65	0.81
300	52.34	4.60	10.88	0.00	0.79	0.02	-300.61	-	-	0.52	-12.69	0.83

**Conclusions:**

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:**

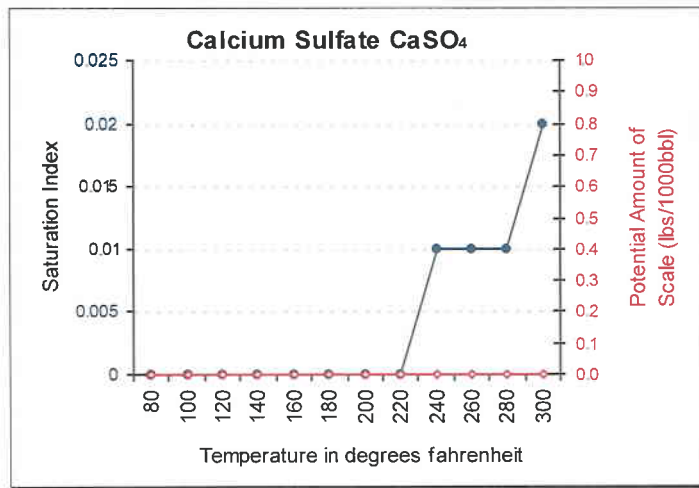
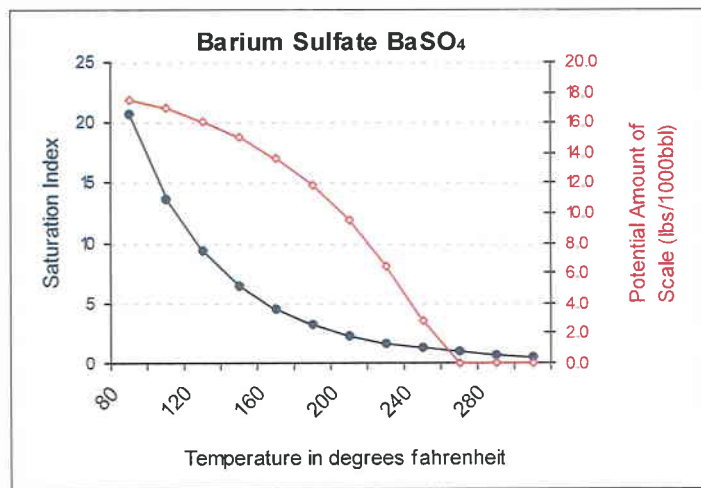
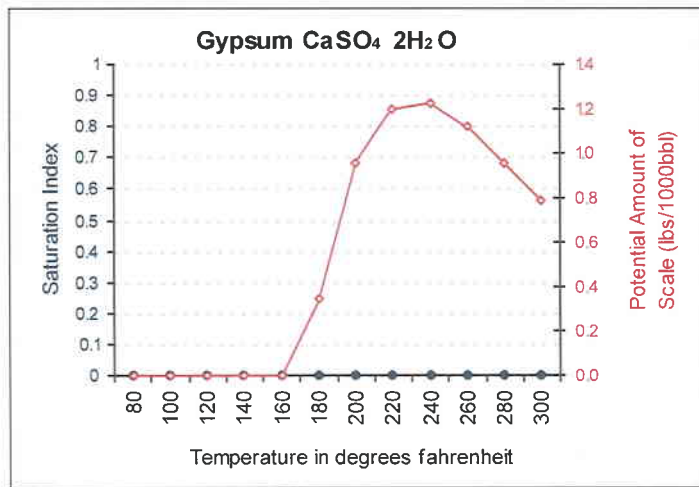
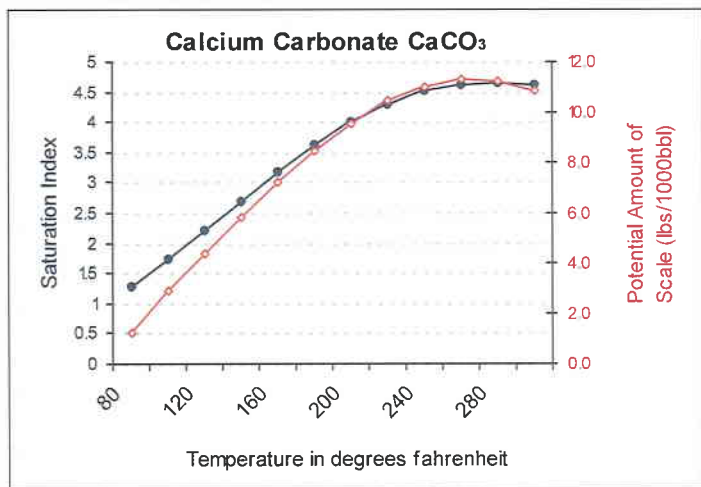
**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem®

**Scale Prediction Graphs**Well Name: **Ashley 10-12-9-15**Sample ID: **WA-52895**



## Attachment "G"

### Ashley #10-12-9-15 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5260	5390	5325	2400	0.89	2366
4773	4777	4775	2345	0.92	2314
4321	4333	4327	2265	0.96	2237
				Minimum	<u>2237</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



## ATTACHMENT G-1

1 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15

Report Date: 3/2/01

Day: 01

Operation: New Completion

Rig: Ross #11

## WELL STATUS

Surf Csg: 8 5/8 @ 303'

Prod Csg: 5 1/2" 15.5# @ 5967'

Csg PBTD: 5931'

Tbg: Size: 2 7/8 Wt: 6.5#

Grd: J-55 Pkr/EOT @: 0

BP/Sand PBTD: 5931'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC4 sds	5260-5272'	4/48			
LDC3 sds	5311-5315'	4/16			
LDC2 sds	5352-5356'	4/16			
LDC1 sds	5384-5390'	4/24			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 1-Mar-01

SITP: SICIP: 0

MIRU Ross #11. Install 5M frac head. NU 5M BOP. Pressure test csg, blind rams, csg valves & frac head seal to 3000 psi. Talley, drift, PU & TIH W/ 4 3/4" bit, 5 1/2" csg scraper & 184 jts 2 7/8 8rd 6.5# J-55 tbg. Tag PBTD @ 5928'. Tbg displaced 14 BW on TIH. TOH W/ tbg-LD bit & scraper. RU Schlumberger and perf LDC sds @ 5260-72', 5311-15', 5352-56' & 5384-5390' W/ 4 JSPF. 2 runs total. RD WLT. SIFN W/ 128 BWTR.

☐

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 142

Starting oil rec to date: 0

Fluid lost/recovered today: 14

Oil lost/recovered today: 0

Ending fluid to be recovered: 128

Cum oil recovered: 0

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

## COSTS

	Ross rig
	BOP
	Trucking
	Tbg head
	Tbg
	Loc preparation
	Water & truck
	Schlumberger-LDC sd
	Csg scraper
	CBL
	HO trk
	Drilling cost
	IPC Supervision
	DAILY COST: \$0
	TOTAL WELL COST:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz





ATTACHMENT G-1

3 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15

Report Date: 3/6/01

Day: 03

Operation: Completion

Rig: Ross #11

## WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5967' Csg PBTD: 5931'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 0 BP/Sand PBTD: 5931'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
LDC4 sds	5260-5272'	4/48			
LDC3 sds	5311-5315'	4/16			
LDC2 sds	5352-5356'	4/16			
LDC1 sds	5384-5390'	4/24			
D-2	4773-4777'	4/16			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 5-Mar-01

SITP: SICP: 0

RU Schlumberger RIH w/ WL set RBP @ 4900'. Pressure tested plug to 2000 psi. Perforate D-2 sds @ 4773-77 w/ 4spf. RU BJ Services and frac D-2 sds w/ 16000# 20/40 sand in 213 bbls Viking I-25 fluid. perfs broke @ 4500 psi. Treated @ ave press of 2485 psi w/ ave rate of 24.7 BPM. ISIP-2345 psi. RD BJ. Start flow back @ 1 BPM on 12/64 choke. Flowed for 1 hr & died. Rec 41 BTF ( est 20% of frac load). TIH w/ RH. Taged sds top @ 4830. Circ sds of RBP @ 4900'. Release plug. TOH LD RBP. SIFN w/ est 1004 BWTR.

## FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 832 bbls Starting oil rec to date: 0  
Fluid lost/recovered today: 172 bbls Oil lost/recovered today: 0  
Ending fluid to be recovered: 1004 bbls Cum oil recovered: 0  
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: D-2 sand

1000 gals of pad

1000 gals W/ 1-3 ppg of 20/40 sand

2242 gals W/ 3-6.5 ppg of 20/40 sand

Flush w/ 4704 gals of slick water

Ross rig

BOP

Fuel gas (+/- 40 mcf)

BJ Services-LDC sds

Schlumberger

Tiger tanks (2 days)

IPC Supervision

Max TP: 4500 Max Rate: 24.9 Total fluid pmpd: 213 bbls

Avg TP: 2485 Avg Rate: 24.7 Total Prop pmpd: 16,000#

ISIP: 2345 5 min: 2157 10 min: 15 min:

Completion Supervisor: Brad Mecham

DAILY COST: \$0

TOTAL WELL COST:



ATTACHMENT G-1

4 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15

Report Date: 3/7/01

Day: 04

Operation: Completion

Rig: Ross #11

## WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5967' Csg PBTD: 5931'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 3935' BP/Sand PBTD: 4390'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4321-4333'	4/48	LDC4 sds	5260-5272'	4/48
D-2 sds	4773-4777'	4/16	LDC3 sds	5311-5315'	4/16
			LDC2 sds	5352-5356'	4/16
			LDC1 sds	5384-5390'	4/24

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 6-Mar-01

SITP: SICP: 0

RU Schlumberger & run 5 1/2" "HE" RBP & 4" perf gun. Set plug @ 4390'. Pressure test plug to 2100 psi. Perf GB6 sds @ 4321-33' W/ 4 JSPF. All 1 run. RD WLT. RU BJ Services and frac GB6 sds W/ 66,970# 20/40 sand in 503 bbls Viking I-25 fluid. Perfs broke dn @ 4310 psi. Treated @ ave press of 2119 psi W/ ave rate of 29.3 BPM. ISIP-2265 psi. RD BJ. Start immediate flowback of GB frac on 12/64 choke @ 1 BPM. Zone flowed 3 1/2 hrs & died. rec 144 BTF (est 29% of frac load). TIH W/ RH & tbg. Tag sd @ 4260'. Tbg displaced 10 BW on TIH. Circ hole clean. Pull EOT to 3935'. SIFN W/ est 1353 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1004 Starting oil rec to date: 0  
Fluid lost/recovered today: 349 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1353 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: GB 6 sands

4500 gals of pad

3500 gals W/ 1-5 ppg of 20/40 sand

6000 gals W/ 5-8 ppg of 20/40 sand

2890 gals W/ 8 ppg of 20/40 sand

Flush w/ 4242 gals of slick water

Ross rig

BOP

Schlumberger-GB sds

BJ Services-GB sds

RBP rental

Tiger tanks (2 days)

Fuel gas (+/- 20 mcf)

Frac head rental

IPC frac tks(2 X 4 day)

IPC Supervision

Max TP: 2517 Max Rate: 29.5 BPM Total fluid pmpd: 503 bbls

Avg TP: 2119 Avg Rate: 29.3 BPM Total Prop pmpd: 66,970#

ISIP: 2265 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$0

TOTAL WELL COST:



ATTACHMENT

G-1  
5 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15

Report Date: 3/8/01

Day: 05

Operation: Completion

Rig: Ross #11

## WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5967' Csg PBTD: 5931'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5803' BP/Sand PBTD: 5931'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4321-4333'	4/48	LDC4 sds	5260-5272'	4/48
D-2 sds	4773-4777'	4/16	LDC3 sds	5311-5315'	4/16
			LDC2 sds	5352-5356'	4/16
			LDC1 sds	5384-5390'	4/24

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 7-Mar-01

SITP: 275 SICP: 300

Bleed pressure off well. Rec est 5 BTF. Con't TIH W/ RH & tbg f/ 3935'. Tag sd @ 4260'. C/O sd to RBP @ 4390'. Release plug. TOH W/ tbg. LD plug. TIH W/ NC & tbg. Tag sd @ 5862'. C/O sd to PBTD @ 5931'. Circ hole clean. Lost no fluid during cleanouts. Pull EOT to 5803'. RU swab equipment. IFL @ sfc. Made 21 swb runs rec 239 BTF W/ 10% FOC, good gas & sm tr sd. FFL @ 2500'. SIFN W/ est 1109 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered:	1353	Starting oil rec to date:	0
Fluid lost/recovered today:	244	Oil lost/recovered today:	0
Ending fluid to be recovered:	1109	Cum oil recovered:	0
IFL: sfc FFL: 2500' FTP:		Choke:	
		Final Fluid Rate:	
		Final oil cut:	10%

## STIMULATION DETAIL

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

## COSTS

Ross rig

BOP

Tiger tks

Water truck

IPC Supervision

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$0

TOTAL WELL COST:



# ATTACHMENT G-1

6 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15 Report Date: 3/9/01 Day: 06  
Operation: Completion Rig: Ross #11

### WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5967' Csg PBTD: 5931'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5441' BP/Sand PBTD: 5910'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4321-4333'	4/48	LDC4 sds	5260-5272'	4/48
D-2 sds	4773-4777'	4/16	LDC3 sds	5311-5315'	4/16
			LDC2 sds	5352-5356'	4/16
			LDC1 sds	5384-5390'	4/24

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 8-Mar-01 SITP: 0 SICP: 0

Con't swabbing all zones. IFL @ 1400'. Made 15 swab runs rec 166 BTF (est 120 BW, 44 BO) W/ good gas & no sand. FFL @ 2500'. FOC @ 25%. Pump 20 BW dn tbg & 20 BW dn csg. TIH W/ tbg. Tag fill @ 5910' (21' new fill). LD excess tbg. TOH W/ tbg & NC. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 4 jts tbg, repaired Randys' 5 1/2" TA (45K), 162 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Strip off frac head. Strip on 3M production tbg head. Set TA @ 5242' W/ SN @ 5375' & EOT @ 5441'. Land tbg W/ 15,000# tension. NU wellhead. SIFN W/ est 1029 BWTR.

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1109 Starting oil rec to date: 0  
Fluid lost/recovered today: 80 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1029 Cum oil recovered: 0  
IFL: 1400' FFL: 2500' FTP: Choke: Final Fluid Rate: Final oil cut: 25%

### COSTS

PRODUCTION TBG DETAIL	ROD DETAIL	
KB 10.00'		Ross rig
162 2 7/8 J-55 tbg (5231.70')		BOP
TA (3.24' @ 5241.70' KB)		Tiger tks
4 2 7/8 J-55 tbg (129.83')		TA/SN
SN (1.10' @ 5374.77' KB)		IPC Supervision
2 2 7/8 J-55 tbg (64.79')		
2 7/8 NC (.43')		
EOT 5441.09' W/ 10' KB		
TA f/ Fed 12-22y-8-17		

DAILY COST: \$0

Completion Supervisor: Gary Dietz

TOTAL WELL COST:

ATTACHMENT G-1  
7 of 7

## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 10-12-9-15 Report Date: 3/10/01 Day: 07  
Operation: Completion Rig: Ross #11

## WELL STATUS

Surf Csg: 8 5/8 @ 303' Prod Csg: 5 1/2" 15.5# @ 5967' Csg PBTD: 5931'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 Pkr/EOT @: 5441' BP/Sand PBTD: 5910'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB6 sds	4321-4333'	4/48	LDC4 sds	5260-5272'	4/48
D-2 sds	4773-4777'	4/16	LDC3 sds	5311-5315'	4/16
			LDC2 sds	5352-5356'	4/16
			LDC1 sds	5384-5390'	4/24

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 9-Mar-01 SITP: 0 SICP: 0

PU & TIH W/ rod string as follows: repaired Randys' 2 1/2" X 1 1/2" X 15' RHAC pump, 4-1 1/2" weight rods, 10-3/4" scraped rods, 110-3/4" plain rods, 90-3/4" scraped rods, 1-6' X 3/4" pony rod, 1 1/2" X 22' polished rod. Seat pump. RU pumping unit. Fill tbg W/ 2 BW. Press test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1031 BWTR.

Place well on production @ 2:00 PM 3/9/01 W/ 86" SL @ 3 SPM.

## FINAL REPORT!!

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1029 Starting oil rec to date: 46  
Fluid lost/recovered today: 2 Oil lost/recovered today: 0  
Ending fluid to be recovered: 1031 Cum oil recovered: 46  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## COSTS

PRODUCTION TBG DETAIL	ROD DETAIL	
KB 10.00'	1 1/2" X 22' polished rod	Ross rig
162 2 7/8 J-55 tbg (5231.70')	1-6' X 3/4" pony rod	Trucking
TA (3.24' @ 5241.70' KB)	90-3/4" scraped rods	Rod pump
4 2 7/8 J-55 tbg (129.83')	110-3/4" plain rods	HO trk
SN (1.10' @ 5374.77' KB)	10-3/4" scraped rods	Rod string(a & b)
2 2 7/8 J-55 tbg (64.79')	4-1 1/2" weight rods	Loc cleanup
2 7/8 NC (.43')	Randys' 2 1/2 X 1 1/2 X 15'	Pit reclaim
EOT 5441.09' W/ 10' KB	RHAC pump W/sm plunger	Wtr disposal
		Sfc equipment
		Sanitation
		Swab tank (7days)
		IPC Supervision
TA/pmp f/ Fed 12-22y-8-17		
Completion Supervisor: Gary Dietz		DAILY COST: \$0
		TOTAL WELL COST:



## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4271'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 181' balance plug using 21 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 41 sx Class "G" cement down 5 ½" casing to 353'

The approximate cost to plug and abandon this well is \$42,000.

## Ashley #10-12-9-15

Spud Date: 1/15/2001  
Put on Production: 3/10/2001  
GL: 6060' KB: 6070'

Initial Production: 50.3 BOPD,  
44.1 MCFD, 14.1 BWPD

### SURFACE CASING

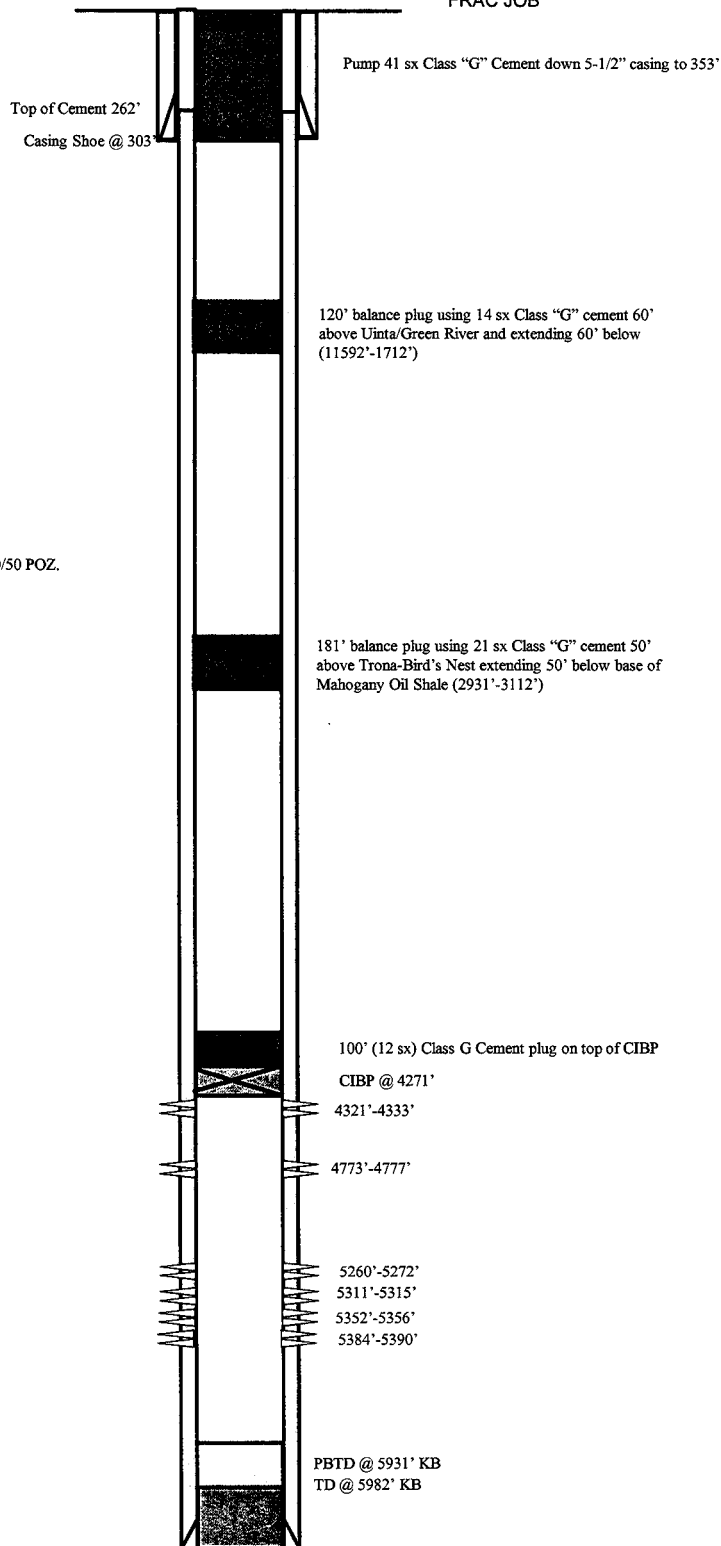
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (302.56')  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 145 sxs Class "G" cmt

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 137 jts. (5956.15')  
HOLE SIZE: 7-7/8"  
DEPTH landed: 5967.4'  
CEMENT DATA: 275 sk Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP AT: 262'

### Proposed P & A Wellbore Diagram

FRAC JOB



**NEWFIELD**

Ashley Federal #10-12-9-15  
2006' FSL & 1899' FEL  
NWSE Section 12-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32172; Lease #UTU-74826

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

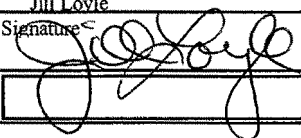
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. USA UTU-74826
2. Name of Operator NEWFIELD PRODUCTION COMPANY		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone (include area code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or GMBU
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2007 FSL 1900 FEL NWSE Section 12 T9S R15E		8. Well Name and No. ASHLEY U 10-12
		9. API Well No. 4301332172
		10. Field and Pool, or Exploratory Area GREATER MB UNIT
		11. County or Parish, State DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield Production proposes to convert the above mentioned well from producing oil well to an injection well.

I hereby certify that the foregoing is true and correct (Printed/ Typed) Jill Loyle	Title Regulatory Technician
Signature 	Date 06/28/2011

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74826
<b>1. TYPE OF WELL</b> Water Injection Well	<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052	<b>8. WELL NAME and NUMBER:</b> ASHLEY U 10-12
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2007 FSL 1899 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWSE Section: 12 Township: 09.0S Range: 15.0E Meridian: S	<b>9. API NUMBER:</b> 43013321720000
<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE	<b>STATE:</b> UTAH

11.


CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input checked="" type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text" value="MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>5/27/2014</b>				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 05/22/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 05/27/2014 the csg was pressured up to 1744 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbg pressure was 1375 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
 June 02, 2014

**Date:** \_\_\_\_\_  
**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 5/29/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: \_\_\_\_\_ Date 5 / 27 / 2014 Time 9:36 am pm

Test Conducted by: Kevin Powell

Others Present: \_\_\_\_\_

Well: Ashley 10-12-9-15

Field: Monument Butte

Well Location: NW/SE Sec. 12, T9S, R15E

API No: 43-013-32172

## Time

## Casing Pressure

0 min	<u>1745</u>	psig
5	<u>1745</u>	psig
10	<u>1745</u>	psig
15	<u>1745</u>	psig
20	<u>1745</u>	psig
25	<u>1744</u>	psig
30 min	<u>1744</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1375 psig

Result:

Pass

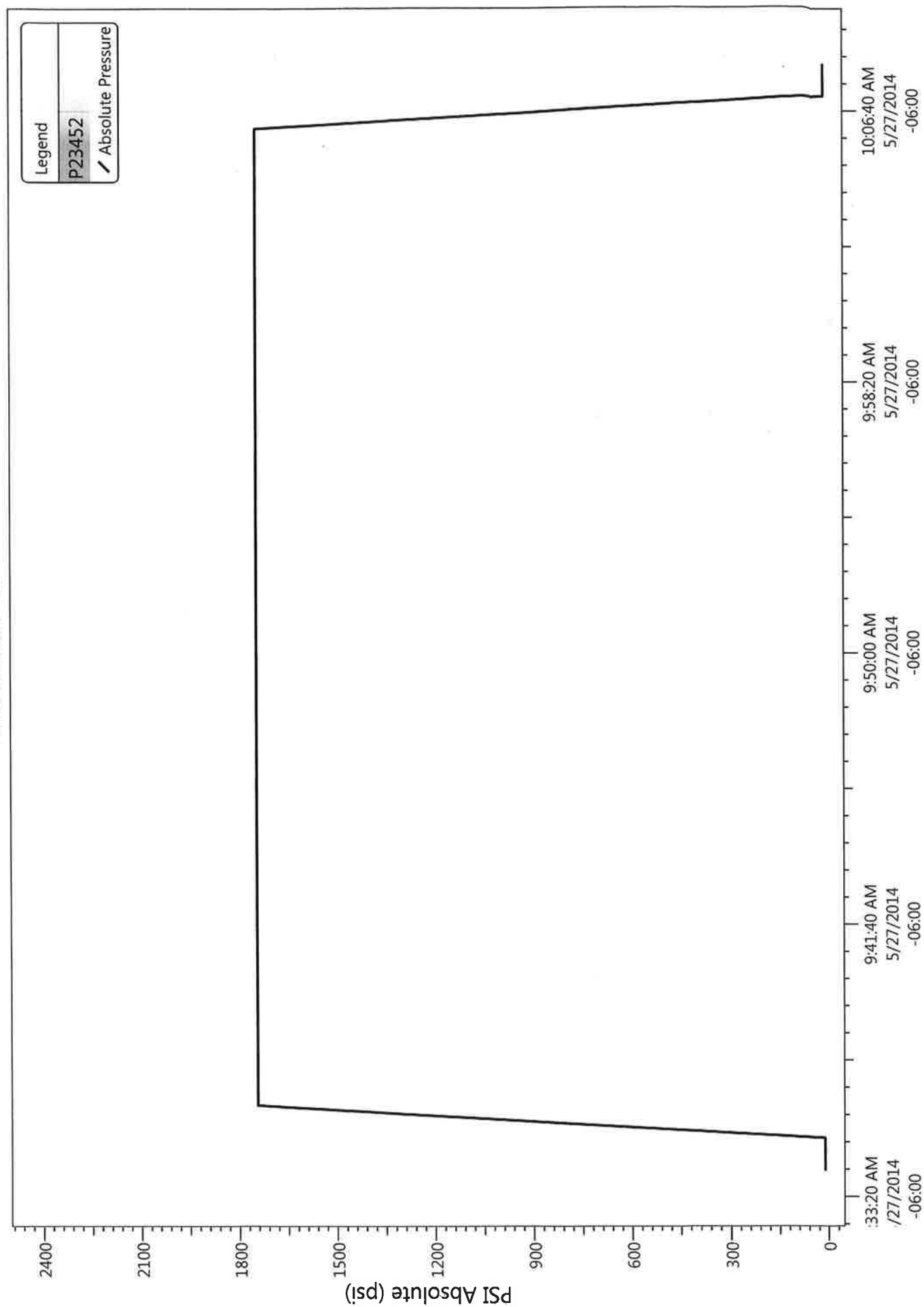
Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Kevin Powell

Ashley 10-12-9-15 MIT (5-27-2014)

5/27/2014 9:33:59 AM





Well Name: Ashley 10-12-9-15

## Job Detail Summary Report

<b>Jobs</b>		Job Start Date	5/21/2014	Job End Date	5/27/2014
Primary Job Type					
Repairs					

Daily Operations					
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
5/21/2014	5/21/2014	MIRU R/U FLOW BACK LINE, ND WH	05:30	06:00	CREW TRAVEL
Start Time					
Start Time				09:00	Rig Move, Koomy Trailer Broke Down On The Way To Loc
Start Time				18:30	9:00PM MIRU NC#3, R/U Flow Back Line To ZHO Tank & Flow Well, Wait On Koomy & BOPs To Start Well, N/D W/H-D, Tbg Wt @ 15K#, 20K# Of Compression On Pkr, P/U & ON/Off Tool Released, P/U 6' Tbg Sub, N/U BOPs, R/U Rig Flr, R/U Tbg Eqp, Latch Onto On/Off Tool, Release Pkr, R/U H/Oiler & Pmp 40BW @ 200", R/U S/Lne W/ Sand Cup, P/U & RIH, Swab Back 2500' Of Tbg, L/D Swab Eqp, TOOH W/ 80jts Tbg, P/U S/Lne & Swab Back To S/N, TOOH W/ Injection Pkr, Injection Tally=132jts 2 7/8 J-55 Tbg, S/N, On/Off Tool, Pkr, X/O, Tbg Pup, XN Nipple, Re-Entry Guid, Replace On/Off Tool & Pkr W/New Weatherford Tools, RIH W/ Same Tally, Drop S/Vlve, Psr Tst Tbg To 3000psi, Leave 3000psi On Tbg, SWI, 6:30PM C/SDFN
Start Time				19:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
5/22/2014	5/22/2014	CHECK PRESSURE, P/U S/LNE W/ FISHING TOOL, P/U & RIH, LATCH ONTO S/VLVE	05:30	06:00	CREW TRAVEL
Start Time					
Start Time				09:00	Send Crew To Newfield Office To Safety Meeting
Start Time				17:30	9:00AM Tbg Psr @ 2800psi, Watch For one Hour & Psr Up To 2850, Bled Psr Off, OWU, P/U S/Lne W/ Fishing Tool, P/U & RIH, Latch Onto S/Vlve, Pull Off Seat, POOH, L/D & R/D S/Lne, P/U 6' Tbg Pup, R/D Tbg Eqp, R/D Rig Flr, N/D BOPs, N/U W/H-D W/Injection Tree, Pmp 60BW W/Pkr Fluid In It, N/D W/H-D, Set Pkr In 15K# Tension, L/D 6' Tbg Sub, N/U W/H-D, R/U H/Oiler To Csg, Psr Tst Csg To 1500psi, Fell Off To 1300psi @ 1psi Per Min, Bump Up To 1540psi, Psred Up To 1550psi & Held For One Hour, Wait For MIT Hand To Do MIT, Had To Wait Until Morning To Do MIT, 5:30PM C/SDFN
Start Time				18:00	CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
5/23/2014	5/23/2014	CHECK PSR, HELD PSR FOR 1 HR, CALL FOR MIT	05:30	06:00	CREW TRAVEL
Start Time					
Start Time				11:00	Crew Check Csg Psr, Csg Psr @ 1260psi, Held Psr For One Hour, Call For MIT, Wait On MIT Hand, R/U & Run MIT, Held 1260psi For 30min, R/U Advantage H/Oiler, Psr Csg Up To 1550psi, Bled Off To 1500psi & Held For 30 Min, Good Tst, R/D & R/O NC#3 @ 11:00AM FINAL REPORT - READY FOR INJECTION
Report Start Date	Report End Date	24hr Activity Summary	Start Time	End Time	Comment
5/27/2014	5/27/2014	CONDUCT MIT	09:30	10:00	On 05/22/2014 Chris Jensen with the State of Utah was contacted concerning the MIT on the above listed well. On 05/27/2014 the csg was pressured up to 1744 psig and charred for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1375 psig during the test. There was not a State representative available to witness the test.



**NEWFIELD****Schematic****Well Name: Ashley 10-12-9-15**

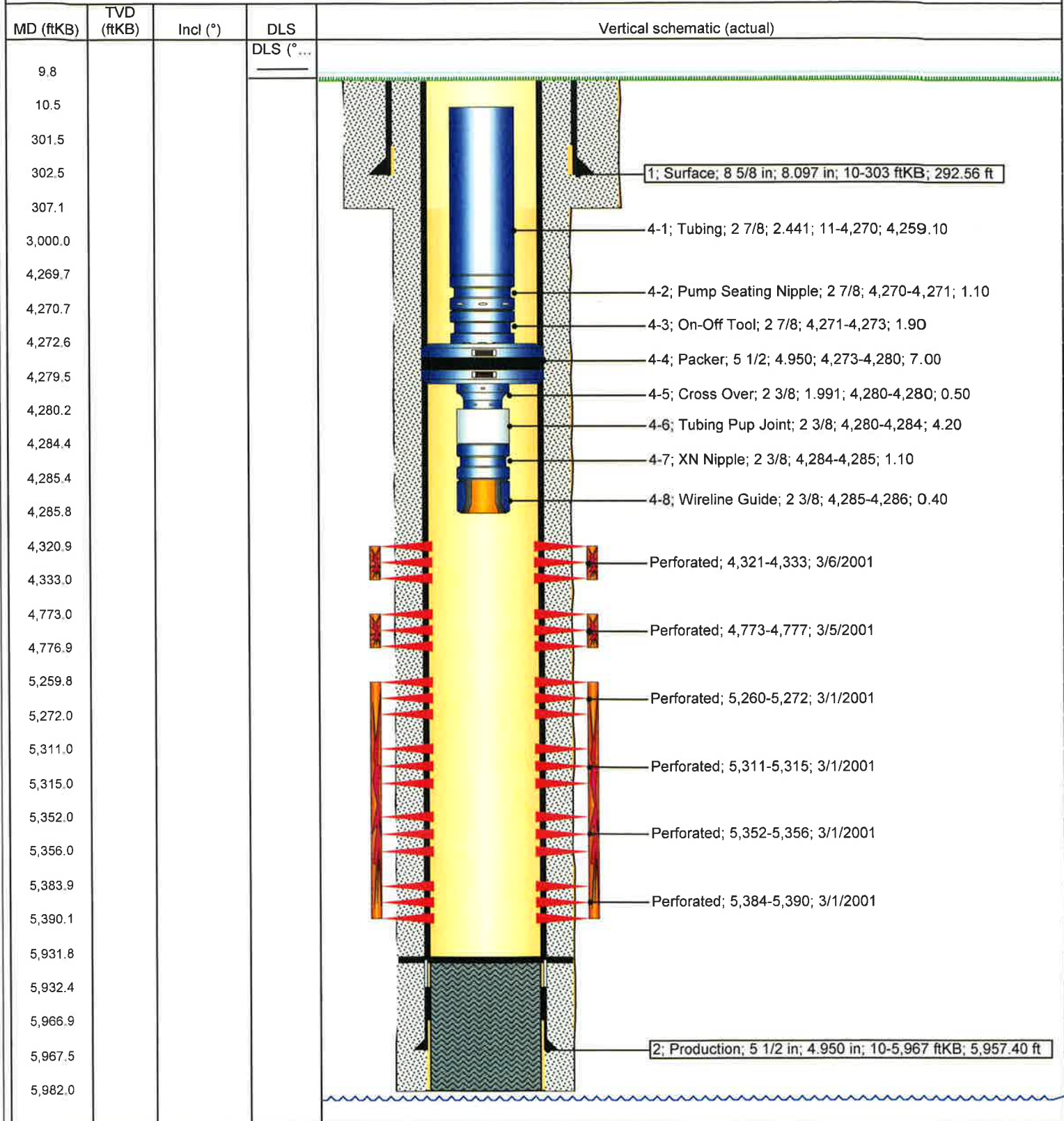
Surface Legal Location 12-9S-15E			API/UWI 43013321720000	Well RC 500151167	Lease	State/Province Utah	Field Name GMBU CTB2	County DUCHESNE
Spud Date 1/15/2001	Rig Release Date	On Production Date 3/10/2001	Original KB Elevation (ft) 6,070	Ground Elevation (ft) 6,060	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,931.9	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 5/21/2014	Job End Date 5/27/2014
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**TD: 5,982.0**

Vertical - Original Hole, 5/28/2014 7:55:01 AM





**NEWFIELD****Newfield Wellbore Diagram Data  
Ashley 10-12-9-15**

Surface Legal Location 12-9S-15E		API/UWI 43013321720000		Lease	
County DUCHESNE	State/Province Utah	Basin Uintah Basin		Field Name GMBU CTB2	
Well Start Date 1/15/2001		Spud Date 1/15/2001		Final Rig Release Date 3/10/2001	
Original KB Elevation (ft) 6,070	Ground Elevation (ft) 6,060	Total Depth (ftKB) 5,982.0	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,931.9	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/15/2001	8 5/8	8.097	24.00	J-55	303
Production	2/10/2001	5 1/2	4.950	15.50	J-55	5,967

**Cement****String: Surface, 303ftKB 1/17/2001**

Cementing Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 307.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Class "G" w/ 2% CaCL <sub>2</sub> + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield	Fluid Type Displacement	Amount (sacks) 145	Class G	Estimated Top (ftKB) 10.0

**String: Production, 5,967ftKB 2/10/2001**

Cementing Company	Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description Premite II W/ .5% SMS, 10% gel, 3#/sk BA90, 3#/sk kolseal, 3% KCL, 1/4#/sk C.F., .05#/sk staticfree mixed @ 11.0 ppg W/ 3.43 cf/sk yield.	Fluid Type Lead	Amount (sacks) 275	Class PLII	Estimated Top (ftKB) 10.0

**String: Production, 5,967ftKB 2/10/2001**

Cementing Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 5,982.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 50/50 poz W/ 3% KCL, 1/4#/sk C.F., 2% gel, .3% SMS, .05#/sk staticfree mixed @ 14.4 ppg W/ 1.24 cf/sk yield.	Fluid Type Tail	Amount (sacks) 475	Class 50/50	Estimated Top (ftKB) 3,000.0

**Tubing Strings**

Tubing Description Tubing				Run Date 5/23/2014		Set Depth (ftKB) 4,285.9		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	132	2 7/8	2.441	6.50	J-55	4,259.10	10.6	4,269.7
Pump Seating Nipple	1	2 7/8				1.10	4,269.7	4,270.8
On-Off Tool	1	2 7/8				1.90	4,270.8	4,272.7
Packer	1	5 1/2	4.950			7.00	4,272.7	4,279.7
Cross Over	1	2 3/8	1.991			0.50	4,279.7	4,280.2
Tubing Pup Joint	1	2 3/8				4.20	4,280.2	4,284.4
XN Nipple	1	2 3/8				1.10	4,284.4	4,285.5
Wireline Guide	1	2 3/8				0.40	4,285.5	4,285.9

**Rod Strings**

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
3	GB6, Original Hole	4,321	4,333	4			3/6/2001
2	D2, Original Hole	4,773	4,777	4			3/5/2001
1	LDC4, Original Hole	5,260	5,272	4			3/1/2001
1	LDC3, Original Hole	5,311	5,315	4			3/1/2001
1	LDC2, Original Hole	5,352	5,356	4			3/1/2001
1	LDC1, Original Hole	5,384	5,390	4			3/1/2001

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	2,400		30.7	2,710			
2	2,345		24.9	4,500			
3	2,265		29.5	2,517			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		

**NEWFIELD****Newfield Wellbore Diagram Data  
Ashley 10-12-9-15**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
3		